# COMMONWEALTH MYCOLOGICAL INSTITUTE

# INDEX OF FUNGI

### PUBLISHED SINCE THE BEGINNING OF 1940

Formerly issued as Supplements to the Review of Applied Mycology

PART 6

1953

Achorion decipiens (Boedijn & Verbunt) Boedijn in Mycopathologia, 6, p. 133, 1951. (Syn. Favotrichophyton decipiens Boedijn & Verbunt)

Actinodothidopsis nitida Petrak in Sydowia, 6, p. 242, 1952 on Coprosma.—Hawaii.

Aecidium satsumense Hiratsuka f. in Mem. Fac. Agric. Tokyo Univ. 1, p. 89, 1952 on

Arisaema ringens var. praecox.—Japan.
Agrocybe fimicola (Speg.) Singer in Lilloa,
23, p. 209, 1950. (Syn. Naucoria fimicola

ANTENNOPSIS Heim in Bull. Soc. mycol. Fr., 67, p. 347, 1952.—Moniliales.

gallica Heim & Buchli in Bull. Soc. mycol. Fr., 67, p. 347, 1952 on Reticulitermes flavipes var. santonensis.—France.

Aplanes ozeensis Kobayasi in J. Jap. Bot.,

27, p. 181, 1952 in water.—Japan.
Arrhenia flabellula (Berk. & Curt.) Dennis in
Kew. Bull., 1952, p. 327, 1952. (Syn. Laschia
flabellula [Berk. & Curt.] Cooke).

Asterina systema-solare Massee var. minor E. Fischer in Proc. roy. Soc. Vict., N.S., 62, p. 131, 1950 on Banksia robur and B. robur var. minor .- Queensland, Australia.

Basidiophora butleri (Weston) Thirumalachar

& Whithead in Amer. J. Bot., 39, p. 418, 1952. (Syn. Sclerospora butleri Weston). Belonioscypha lactea (Ellis & Ev.) Seaver. The North American Cup-Fungi (Inoperculates), p. 177, 1951. (Syn. Helotium lacteum Ellis & Ev.).

Belonium atrosanguineum (Rehm) Soaver, The North American Cup-Fungi (Inopercu-lates), p. 172, 1951. (Syn. Calloria atro-sanguinea Rehm).

— bastrichum (Saco.) Seaver, The North American Cup-Fungi (Inoperculates), p. 170, 1951. (Syn. Belonidium basitrichum Sacc.).

- caricincolum (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 175, 1951. (Syn. Belonidium caricincolum Rehm). -- culmicola (Desm.) Seaver, The North

American Cup-Fungi (Inoperculates), p. 176, 1951. (Syn. Peziza culmicola Desm.).

- glyceriae (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 170, 1951. (Syn. Belonidium glyceriae Peck).

- heteromorphum (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 174, 1951. (Syn. Peziza heteromorpha Ellis

- intermedium (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 175, 1951. (Syn. Belonidium intermedium Rehm).

- minimum (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 172, 1951. (Syn. Belonidium minimum Ellis & Ev.). - parksi (Cash) Seaver, The North American Cup-Fungi (Inoperculates), p. 171, 1951. (Syn. Belonidium parksi Cash). - phlegmaceum (Ellis) Seaver, The North

American Cup-Fungi (Inoperculates), p. 172,

1951. (Syn. Peziza phlegmacea Ellis). quisquiliarum (Berk. & Curt.) Seaver, The North American Cup-Fungi (Inoperculates), p. 172, 1951. (Syn. Peziza quisquiliarum Berk. & Curt.).

sclerogenum (Berk. & Curt.) Seaver, The North American Cup-Fungi (Inoperculates), p. 173, 1951. (Syn. Peziza sclerogena Berk. & Curt.).

tympanoides (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 171, 1951. (Syn. Belonidium tympanoides Ellis & Ev.).

Beltrania indica C. V. Subramanian in Proc. Indian Acad. Sci., Sect. B, 36, p. 45, 1952 on dead pods of Caesalpinia pulcherrima.— India

Botryoconis sanguinea Tubaki apud Kominami, Kobayasi, & Tubaki in *Nagaoa*, **1**, p. 7, 1952 from soil.—Japan.

Botryothnia draytoni (Buddin & Wakef.) Seaver, The North American Cup-Fungi (Inoperculates), p. 62, 1951. (Syn. Sclerotinia draytoni Buddin & Wakef.).

American Cup-Fungi (Inoperculates), p. 63, 1951. (Syn. Sclerotinia narcissicola Gregory). [But see this Index, 1, p. 277.]

Calloria caricinella (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 167, 1951. (Syn. Helotium caricinellum Peck). coccinea (Earle) Seaver, The North Ameri-

can Cup-Fungi (Inoperculates), p. 164, 1951. (Syn. Niptera coccinea Earle).

cremea (Cash) Seaver, The North American Cup-Fungi (Inoperculates), p. 168, 1951. (Syn. Helotium cremeum Cash).

glagosa (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 167,

American Cup-Funge (Insperculates), p. 161, 1951. (Syn. Peziza glagosa Ellis & Ev.). • helottoides (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 167, 1951. (Syn. Lanzia helotioides Rehm).

Ithospermi (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 165, 1951. (Syn. Niptera lithospermi Ellis & Ev.)

- muelleri (Willey) Seaver, The North American Cup-Fungi (Inoperculates), p. 168, 1951. (Syn. Phacopsis muelleri Willey).
- nitens (Cash) Seaver, The North American

Cup-Fungi (Inoperculates), p. 165, 1951. (Syn. Helotium nitens Cash).

Calonectria novae-zealandiae Dingley in Trans. roy. Soc. N.Z., 79, p. 404, 1952 on Discaria toumatou.—New Zealand.

Calosphaeria cryptospora Munk in Dansk. bot. Ark., 14, No. 8, p. 5, 1952 on Cryptospora

suffusa .- Denmark .

Calycina petiolorum (Roberge) Seaver, The North American Cup-Fungi (Inoperculates), p. 110, 1951. (Syn. Peziza petiolorum Rob.). Camarophyllus adonis Singer in Sydowia, 6,

p. 172, 1952.—Argentine.

-laccarioides Singer in Sydowia, 6, p. 170, 1952.—Argentine.

- tehuelches (Speg.) Singer in Sydowia, 6, p. 169, 1952. (Syn. Agaricus tehuelches Speg.). Camposporium cambrense Hughes Mycol. Pap. 36, p. 11, 1951 on Fagus sylvaticus.—Great Britain.

- pellucidum (Grove) Hughes in Mycol. Pap. 36, p. 9, 1951. (Syn. Bactrodesmium caulin-cola (Corda) Grove var. pellucidum Grove).

Candida claussenil Lodder & Kreger-Van Rij,

andida claussenii Lodder & Kreger-Van Kij, The Yeasts, p. 672, 1952.—Denmark. - curvata (Diddens & Lodder) Lodder & Kreger-Van Rij, The Yeasts, p. 576, 1952. (Syn. C. heveanensis (Groen.) Diddens & Lodder var. curvata Diddens & Lodder).

— guilliermondii (Cast.) Lang, & Guerra var. membranaefaciens Lodder & Kreger-Van Rij, The Yeasts, p. 672, 1952 from figs.—

- melibiosi Lodder & Kreger-Van Rij, The Yeasts, p. 672, 1952 from flower of Gentiana imbricata. - Germany.

- var. membranaefaciens Lodder & Kreger-Van Rij, The Yeasts, p. 673, 1952 from urine.-Japan.

- mycoderma (Reess) Lodder & Kreger-Van Rij, The Yeasts, p. 477, 1952. (Syn. Saccharo-

myces mycoderma Reess).
- solani Lodder & Kreger-Van Rij, The Yeasts, p. 672, 1952 from potato flour.—Holland.

- sorbosa Hedrick & Burke in Mycopathologia, 6, p. 94, 1951 from Drosophila crucigera .- Hawaii.

utilis (Henneb.) Lodder & Kreger-Van Rij, The Yeasts, p. 546, 1952. (Syn. Torula utilis Henneb.).

Cantharellula tarnensis (Speg.) Singer in Sydowia, 6, p. 196, 1952. (Syn. Agaricus tarnensis Speg.).

Cenangium dimorphum (Seaver) Seaver, The North American Cup-Fungi (Inoperculates), p. 303, 1951. (Syn. Dermatea dimorpha

- pruinosum (Ell. & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 1951. (Syn. Peziza pruinosa Ellis & Ev.). [See also C. pruinosum Ces., Hedwigia, 1, p. 43, 1854.]

Cephalosporium salmosynnematum Roberts in Mycologia, 44, p. 304, 1952 .-

Michigan, U.S.A.

Ceratostoma marylandicum Petrak in Sydowia, 6, p. 12, 1952 on wood.—Maryland and Florida, U.S.A.

Cercospora chionanthi-retusi Togashi & Katsuki in Sci. Rep. Yokohama nat. Univ., Sect. II, 1, p. 1, 1952 on Chionanthus retusus.

fukuokaensis Chupp apud Togashi & Kat-suki in Sci. Rep. Yokohama nat. Univ., Sect. II. 1, p. 2, 1952 on Styrax japonica.—Japan. — grewiae Srivastava & Mehta in Indian

Phytopath., 4, 1 69, 1951 on Grewia asiatica .-

- horiana Togashi & Katsuki in Sci. Rep.

Yokohama nat. Univ., Sect. II, 1, p. 4, 1952 on Parthenocissus tricuspidata. - Japan. nojimai Togashi & Katsuki in Sci. Rep.

Yokohama nat. Univ., Sect. II, 1, p. 5, 1952

on Impatiens textori.- Japan

punctiformis (Fuckel) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 97, 1952. (Syn. Cladosporium punctiforme Fuckel).

Cercosporella geranii W. B. Cooko & Shaw in Lloydia, 15, p. 126, 1952 on Geranium viscossissimum.—Washington State, U.S.A.

Chaetosphaeria fusispora Larsen in Dansk. bot. Ark., 14, No. 7, p. 7, 1952 on Fagus sylvatica.—Denmark.

subcaespitosa Larsen in Dansk. bot. Ark., 14, No. 7, p. 8, 1952 on dead Sambucus niura.-Denmark

Chaetothyrium babingtonii (Berk.) Dennis & M. B. Ellis in Trans. Brit. mycol. Soc., 35, p. 196, 1952. (Syn. Strigula babingtonii Berk.). [Comb. made by Keissler, 1937.]

Chlorociboria strobilina (Alb. & Schw.)
Seaver, The North American Cup-Fungi
(Inoperculates), p. 99, 1951. (Syn. Peziza
tuberosa strobilina Alb. & Schw.). [Comb.
made by Seaver in Mycologia, 1936.]
Chloroscypha cryptomeriae Terrier in Ber.

schweiz. bot. Ges., 62, p. 422, 1952 on Crypto-

meria japonica.—Switzerland.

Chlorosplenium olivaceum Seaver, North American Cup-Fungi (Inoperculates), p. 105, 1951. [See also C. olivaceum Rick, Brotéria, Ser. Bot., 25, p. 98, 1931.] Chytridium versatile Scherffel var. podo-chytrioides Friedmann in Ost. bot. Z., 99,

186, 1952 on Navicula oblonga.—Germany. CIBORIELLA Seaver, The North American

Cup-Fungi (Inoperculates), p. 107, 1951.— Discomycetes. Type, C. rufescens.— -rufescens (Kanouse) Seaver, The North American Cup-Fungi (Inoperculates), p. 107, 1951. (Syn. Ciboria rufescens Kanouse).

Ciborinia bifrons (Ellis & Ev.) Seaver, The North American Cup-Evngi (Inoperculates), p. 71, 1951. (Syn. Scleretium bifrons Ellis & Ev.). [But see this Index. 1, p. 148.] gracilipes (Cooke) Seaver, The North Ameri-

can Cup-Fungi (Inoperculates), p. 72, 1951.

(Syn. Peziza gracilipes Cooke).

whetzelii (Seaver) Seaver, The North American Cup-Fungi (Inoperculates), p. 70, 1951. (Svn. Sclerotinia whetzelii Seaver).

Cintractia atratae Savile in Canad. J. Bot., 30, p. 423, 1952 on Carex atrata.—Montana,

- caricis (Pers.) Magn. var. acutarum Savile in Canad. J. Bot., 30, p. 425, 1952 on Carex aquatilis .- Yukon.

var. intermedia Savile in Canad. J. Bot., 30, p. 424, 1952 on Carex pennsylvanica var. pennsylvanica.-Manitoba, Canada.

-carpophila (Schum.) Liro var. elynae (Syd.) Savile in *Canad. J. Bot.*, **30**, p. 419, 1952. (Syn. *C. elynae* Syd.).

- var. kenaica Savile in Canad. J. Bot., 30, p. 419, 1952 on Carex pyrenaica subsp. micropoda .-- Alaska.

- var. verrucosa Savile in Canad. J. Bot., 30, p. 420, 1952 on Carex chenea.-Wyoming,

-limosa Syd. var. gigantissima (Lehtola) Savile in Canad. J. Bot., 30, p. 426, 1952. (Syn. C. gigantissima Lehtola)

- var. minor Savile in Canad. J. Bot., 30,

p. 426, 1952 on Carex bigelowii.—Quebec, Canada.

Cladosporium avellaneum de Vries, Contribution to the knowledge of the Genus Clado-sporium, p. 56, 1952 from 'Nivea' ointment. -Netherlands.

-var. albidum de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 56, 1952.—Netherlands.

- var. avellaneum, Contribution to the knowledge of the Genus Cladosporium, p. 56, 1952.-Netherlands.

- var. sterile de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 58,

1952.-Netherlands

- var. viride de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 56,

1952.-Netherlands.

- cladosporioides (Fres.) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 57, 1952. (Syn. Penicillium cladosporioides Fres.).

- forma pisicola (Snyder) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 61, 1952. (Syn. C. pisicolum

- echinulatum (Berk.) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 49, 1952. (Syn. Heterosporium echinulatum (Berk.) Cooke).

- Iridis (Fautr. & Roum.) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 49, 1952. (Syn. Heterosporium iridis Fautr.

& Roum.)

- ornithogali (Klotsch) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 49, 1952. (Syn. Heterosporium ornithogali (Klotsch) Cooke).

- phlei (C. T. Gregory) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 49, 1952. (Syn. Heterosporium phlei C. T. Gregory)

- stipae H. C. Greene in Trans. Wis. Acad. Sci. Arts Lett., 41, p. 127, 1952 on Stipa spartea.—Wisconsin, U.S.A.
- variablle (Cooke) de Vries, Contribution to the knowledge of the Genus Cladosporium, p. 85, 1952. (Syn. Helminthosporium variabile Cooke).

Clathrospora cookel Wehmeyer in Mycologia, 44, p. 653, 1952 on Stipa californica.— California, U.S.A.

- simmonsii Wehmeyer in *Mycologia*, **44**, p. 652, 1952 en *Carex oblata*.—Washington, U.S.A.

\*Clitocybe atrostriata Métrod in Bull. Soc. mycol. Fr., 67, p. 397, 1952.—France.

cyanoleus Métrod nom. nov. in Bull. Soc.
mycol. Fr., 67, p. 387, 1952. (Syn. C. ditopoda
(Fr.) var. longispora Métrod).

incarnata Métrod in Bull. Soc. mycol. Fr.,
67, p. 398, 1952.—France.

- lepistoides (Maire) Pilát, Agaric. Europae. clavis dichot., p. 135, 1951. (Syn. Tricholoma lepistoides Maire).

- pleurotus Singer in Sydowia, 6, p. 182, 1952 on dead Nothofagus pumilio.-Argentine.

- subhygrophanoides Singer in Sydowia, 6, p. 181, 1952.—Argentine.

subleptoloma Singer in Sydowia, 6, p. 179, 1952 on Nothofagus .- Argentine.

- tricolor (Peck) Pilát, Agaric, Europae, clavis dichot., p. 127, 1951. (Syn. Tricholoma tri-color Peck).

Clitopilus pusillimus (Speg.) Singer in Lilloa,

23, p. 226, 1950. (Syn. Omphalia pusillima

Colletotrichum mangenoti Chevaugeon in Rev. Path. vég., 31, p. 36, 1952 on Arachis hypogea.—French Sudan. pehkinense Katsura in Forsch. PflKr.,

Tokyo, 4, p. 105, 1951 on Abutilon avicennae.

-China

Collybia collybioides (Speg.) Singer in Lilloa, 23, p. 162, 1950. (Syn. Clitocybe collybioides Speg.).

cupreovirens (Speg.) Singer in Lilloa, 23, p. 164, 1950. (Syn. Omphalia cupreovirens Speg.).

ferruginella Pearson in Trans. Brit. mycol. Soc., 35, p. 102, 1952.—England.

- fuegiana Singer in Sydowia, 6, p. 186, 1952.

-Argentine. - griseospora Pearson in Trans. Brit. mycol.

Soc., 35, p. 102, 1952.—Wales.
\*— olivacea Schaeffer in Pilát, Agaric. Europae. clavis dichot., p. 193, 1951.—Europe.
-paupertina Pearson in Trans. Brit. mycol.

Soc., 35, p. 103, 1952.—England.
-platensis (Speg.) Singer in Sydowia, 6, p. 185, 1952. (Syn. Marasmius platensis Speg.).

Coniosporium paradoxum (Corda) Mason & Hughes apud Hughes in Mycol. Pap. 37, p. 16, 1951. (Syn. Sporodesmium paradoxum Corda).

- peziza (Cooke & Ellis) Mason & Hughes apud Hughes in Mycol. Pap. 37, p. 16, 1951. (Syn. Sporodesmium peziza Cooke & Ellis).

Conlothyrium nerterae Jørstad in Results Norweg. Exped. T. da Cunha, 14, p. 26, 1947 on Nertera granadensis.-Tristan da Cunha.

Conocybe macrorhina (Speg.) Singer in Lilloa, 23, p. 204, 1950. (Syn. Galera macrorhina Speg.).

- macrorhiza (Speg.) Singer in Lilloa, 23, p. 205, 1950. (Syn. Naucoria macrorhiza

- striatipes (Speg.) Singer in Lilloa, 23, p. 205, 1950. (Syn. Galera striatipes Speg.).

Coprinus macrorhizus (Fr.) Rea forma microsporus Hongo in J. Jap. Bot., 27, p. 161, 1952 on dung.—Japan. Coremium triostei H. C. Greene in Trans.

Wis. Acad. Sci. Arts Lett., 41, p. 127, 1952 on Triosteum perfoliatum.-Wisconsin, U.S.A.

Cortinarius amarescens Moser nom. nov. in Sydowia, 6, p. 68, 1952. (Syn. C. talus sensu Lange, non Fr.).

argenteo-Hlacinus Moser in Sydowia, 6, p. 151, 1952.—Austria.

aureofulvus Moser in Sydowia, 6, p. 154,

1952.—Austria. aureo-pulverulentus Moser in Sydowia, 6,

p. 152, 1952.—Austria. caesiocanescens Moser in Sydowia, 6, p. 151, 1952.—Austria.

calyculatus Moser in Sydowia, 6, p. 153,

1952.-Austria. - citrino-olivaceus Moser in Sydowia, 6,

p. 154, 1952.—Austria.

durissimus Moser in Sydowia, 6, p. 152, 1952.—Austria.

-helobius Romagnesi in Bull. Soc. Nat. Oyonnax, 6, p. 62, 1952.—France.

- infractus Fr. forma olivellus Moser in Sydowia, 6, p. 153, 1952.—Austria.

- melliolens Schaoff, var. luteus Moser in Sydowia, 6, p. 152, 1952.—Austria.
— montanus Kauffm. subsp. europaeus

Moser nom. nov. in Sydowia, 6, p. 108, 1952.

- subsp. europaeus var. lilaceus Moser in

- Sydowia, 6, p. 153, 1952.—Austria.

  —odorifer Britz, var. Inteolus Moser in Sydowia, 6, p. 153, 1952.—Austria.

  —purpurascens Fr. forma lividus Moser in Sydowia, 6, p. 152, 1052. Sydowia, 6, p. 153, 1952.—Austria.
- --- var. obscurus Moser in Sydowia, 6, p. 153, 1952.-Austria.
- russeoides Moser in Sydowia, 6, p. 153, 1952 .- Austria.
- sericellus Moser nom. nov. in Sydowia, 6, p. 82, 1952. (Syn. C. turmalis auct. p.p.). - spectabilis Moser in Sydowia, 6, p. 152,
- 1952. -- Austria. \*-- squameo-radicans Bellivier in Bull. Soc.
- Nat. Oyonnax, 6, p. 67, 1952.—France.
   subarquatus Moser nom. nov. in Sydowia, 6, p. 59, 1952. (Syn. C. arquatus sensu Lange,
- non Fr.) - subsertipes Romagnesi in Bull. Soc. Nat.
- Oyonnax, 6, p. 63, 1952.—France.
   vitellinus Moser in Sydowia, 6, p. 154, 1952.
- -Austria. Coryneum castaneae (Saec.) Petrak in Sydowia, 6, p. 15, 1952. (Syn. C. kunzei Corda
- var. castaneae Sacc.) Cryptococcus diffluens (Zach) Lodder & Kreger-Van Rij, The Yeasts, p. 391, 1952. (Syn. Torulopsis diffluens Zach).
- laurentii (Kuff.) Skinner var. flavescens (Saito) Lodder & Kreger-Van Rij, The Yeasts, p. 381, 1952. (Syn. Torula flavescens Saito)
- var. magnus Lodder & Kreger-Van Rij, The Yeasts, p. 670, 1952 from air.-Holland. - neoformans (Sanf.) Vuill. var. uniguttu-
- latus (Zach) Lodder & Kreger-Van Rij, The Yeasts, p. 373, 1952. (Syn. Eutorulopsis uniguttulatus Zach).
- Cunninghamella homothallica Kominami & Tubaki in Nagaoa, 1, p. 21, 1952 from soil.— Japan.
- Curvularia interseminata (Berk. & Rav.) Gilman, A Manual of Soil Fungi, p. 303, 1945. (Syn. Helminthosporium interseminatum Berk. & Rav.
- sudanensis (Frag. & Cif.) Castellani in Riv. Agric. subtrop., 46, p. 164, 1952. (Syn. Helminthosporium sudanense Frag. & Cif.)
- tetramera (McKinney) Boedijn ex Gilman, A Manual of Soil Fungi, p. 303, 1945. (Syn. Helminthosporium tetramera McKinney)
- Cystobasidium proliferans Olive in Mycologia, 44, p. 564, 1952 on insect exercts on dead pines.-New Jersey, U.S.A.
- Dactylella acrochaeta Drechsler in Mycologia, 44, p. 541, 1952 on nematodes.—Maryland, U.S.A.
- --helminthodes Drechsler in Mycologia, 44, p. 553, 1952 on Pythium debaryanum and Cochlonema megalosomum.—Utah, U.S.A. — mammillata Dixon in Trans. Brit. mycol.
- Soc., 35, p. 144, 1952 on nematodes.-Eng-
- Dasturella boswelliae Patel. Payak, & Kulkarni in Indian Phytopath., 4, p. 72, 1951 on Roswellia serrata.—India.
- Debaryomyces hansenii (Zopf) Lodder & Kreger-Van P.J., The Yeasts, p. 280, 1952. (Syn. Saccharomyces hansenii Zopf).
- mrakii Bouthilet in Mycopathologia, 6, p. 82, 1951 from soil .- Minnesota, U.S.A.

- subglobosus (Zach) Lodder & Kreger-Van Rij, The Yeasts, p. 290, 1952. (Syn. Eutoru-
- Dermatella caryigena (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 314, 1951. (Syn. Dermatea carrigena Ellis & Ev.). (But the original description was as Dermatella.]
- deformata (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 313, 1951. (Syn. Cenangium deformatum Peck).
- magnoliae (Berk. & Curt.) Seaver, The North American Cup-Fungi (Inoperculates), p. 314, 1951. (Syn. Cenangium magnoliae Berk. & Curt.).
- DESCOLEA Singer in Lilloa, 23, p. 256, 1950. -Agaricales.
- -antarctica Singer in Lilloa, 23, p. 257, 1950.—Argentine
- Diaporthe larseniana Munk in Dansk. bot. Ark., 14, No. 8, p. 3, 1952 on dead Picea abies -- Denmark
- DICTYODESMIUM Hughes in Mycol. Pap.
- 36, p. 29, 1951.—Hyphomycetes.
  -ulmicola (Ellis & Kellerman) Hughes in
  Mycol. Pap. 36, p. 29, 1951. (Syn. Ceratophorum ulmicola Ellis & Kellerman).
- Dictyosporium hepatosporum (Garov.) Damon in Lloydia, 15, p. 118, 1952. (Syn. Cattanea hepatospora Garov.).
- minor (Sacc.) Danion in 1952. (Syn. Speira minor Sacc.). minor (Sace.) Damon in Lloydia, 15, p. 118,
- polystichum (von Höhn.) Damon in Lloydia, 15, p. 118, 1952. (Syn. Speira polysticha von Höhn.).
- polificum Damon in Lloydia, 15, p. 119, 1952 on Juncus.—New Jersey, U.S.A. Didymella euphoriae Natio in Sci. Rep. Kagoshima Univ., 1, p. 71, 1952 on Euphoria longana .- Japan.
- ilicis Larsen in Dansk. bot. Ark., 14. No. 7, p. 21, 1952 on dead Hex aquifolium.-Denmark.
- Didymosphaeria cladii Larsen & Munk in Dansk. bot. Ark., 14, No. 7, p. 20, 1952 on Cladium mariscus.-Denmark.
- equiseti-hiemalis Larsen & Munk in Dansk. bot. Ark., 14, No. 7, p. 17, 1952 on doad Equisetum hiemale.—Deumark.
- Discosporina commutata Petrak in Sydowia, 6, p. 14, 1952 on Carya .- Maryland, U.S.A. Durandiella fraxini (Schw.) Seaver, The North American Cup-Fungi (Inoperculates),
- p. 367, 1951. (Syn. Peziza fraxini Schw.). Eccilia decurrens (Vel.) Pilát, Agaric. Euro-
- pae. clavis dichot., p. 228, 1951. (Syn. Leptonia decurrens Vel.).
- \*— velenovskyi Svrček in Pilát, Agaric. Europae. clavis dichot., p. 228, 1951.— Czechoslovakia. Echinella rhabdocarpa (Ellis) Seaver, The
- North American Cup-Fungi (Inoperculates), p. 294, 1951. (Syn. Peziza rhabdocarpa Ellis). Ectrogella eunotiae Friedmann in Ost. bot. Z.,
- 99, p. 200, 1952 on Eunotia arcus.-Germany
- Endoconidiophora fimbriata (Ell. & Halst.) Davidson forma platani Walter in Phytopathology, 42, p. 236, 1952 on Platanus nozius.—Washington, D.C., U.S.A. ndomycopsis fibuliger (Lindn.) Dokker
- Endomycopsis fibuliger (Lindn.) Dekker var. monospora (Saito) Lodder & Kreger-Van Rij, The Yeasts, p. 100, 1952. (Syn. E. monosporus Saito).

\*Entoloma gabrettae Pilát, Agaric. Europae. clavis dichot., p. 244, 1951.—Czechoslovakia.

Epidermophyton angustisporum Boedijn in Mycopathologia, 6, p. 129, 1951 from human

ERINELLINA Seaver nom. nov., The North American Cup-Fungi (Inoperculates), p. 290, 1951. (Syn. Erinella Sace, non Quél.).

-- appressa (Cash) Seaver, The North Ameri-

can Cup-Fungi (Inoperculates), p. 292, 1951. (Syn. Dasyscyphella appressa Cash).

calospora (Pat.) Seaver, The North American Cup-Fungi (İnoperculates), p. 291, 1951. (Syn. Erinella calospora Pat.).

- cervina (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 292, 1951. (Syn. Erinella cervina Ellis & Ev.). longispora (Karst.) Seaver, The North

American Cup-Fungi (Inoperculates), p. 293, 1951. (Syn. Lachnum longisporum Karst.). maculosa (Ellis & Martin) Seaver, The

North American Cup-Fungi (Inoperculates), p. 293, 1951. (Syn. Helotium maculosum Ellis & Martin).

- miniopsis (Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 291, 1951.

(Syn. Peziza miniopsis Ellis)

- nylanderi (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 293, 1951. (Syn. Erinella nylanderi Rehm).

- rhapidospora (Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 291, 1951. (Syn. Peziza rhapidospora Ellis).

Fabraea earliana (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 190, 1951. (Syn. Peziza earliana Ellis &

- rosae (Wolf) Seaver, The North American Cup-Fungi (Inoperculates), p. 190, 1951. (Syn. Diplocarpon rosae Wolf).

Favolaschia singeriana Dennis in Kew Bull., 1952, p. 331, 1952.—Venezuela.

Fayodia dusenii (Bres.) Singer in Sydowia, 6, p. 218, 1952. (Syn. Panus dusenii Bres.).

- var. grisellamellata Singer in Sydowia, 6, p. 220, 1952.—Chile.

FILARIOMYCES Shanor in Amer. J. Bot., 39, p. 499, 1952.—Laboulbeniales.

forficulae Shanor in Amer. J. Bot., 39, p. 499, 1952 on Prolabia pulchella.—Louisiana,

Flammula bellula (Peck) Pilát, Agaric. Europae. clavis dichot., p. 351, 1951. (Syn.

Naucoria bellula Peck).

Fusarium aquaeductuum (Radlk. & Rabh.) Lagh. subsp. medium (Wollenw.) Riallo, Грибы Рода Фузарнум (Fungi of the Genus Fusarium†]. p. 278, 1950. (Syn. F. aquae-ductuum yar. medium Wollenw.).

cavispermum (Corda) Riallo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 280, 1950. (Syn. F. cavispermum Corda).

— var. dimerum (Penz.) Riallo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 279, 1950. (Syn. F. dimerum

— var. flavum (Fr.) Riallo, Грибы Рода Фузариум [Fungi of the Genus Fusarium], p. 280, 1950. (Syn. Fusisporium flavum

- avenaceum (Fr.) Sacc. var. detonianum

(Sace.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 188, 1950.

[Fungi of the Genus Fusarium], р. 188, 1950. (Syn. F. detonianum Sacc.).

- bulbigenum Cooke & Massee var. apii (Nels. & Cochr.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 251, 1950. (Syn. F. apii Nels. & Cochr.).

— var. cucumis Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 252, 1950 on Cucumis mela var retirulatum.

252, 1950 on Cucumis melo var. reticulatum.

- var. pisi (Linford) Raillo, Грибы Рода Фузариум [Fungi of the Genus Fusarium], p. 250, 1950. (Syn. F. orthoceras App. & Wollenw, var. pisi Linford). \*— caudatum Wollenw, var. filiferum Raillo,

- Caudatum Wollenw, Var. Interfum Rallio, Грибы Рода Фузариум [Fungi of the Genus Fusarium], р. 179, 1950.—U.S.S.R.
- compactum (Wollenw.) Raillo, Грибы Рода Фузариум [Fungi of the Genus Fusarium], р. 180, 1950. (Syn. F. scirpi Lamb. & Fautr. var. compactum Wollenw.).

-equiseti (Corda) Sacc. subsp. ossicola (Berk. & Curt.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 175, 1950. (Syn. Fusisporium ossicola

Berk. & Curt.).

heterosporum Nees var. negundinis (Sherb.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 217, 1950. (Syn. F. reticulatum Mont. var. negundinis (Sherb.) Wollenw.).

javanicum Koord. subsp. ensiforme (Wollenw. & Reink.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 229, 1950. (Syn. F. ensiforme Wollenw. &

Reink.)

lateritium Nees subsp. majus (Wollenw.) Raillo, Грибы Рода Фузариум [Fungi of the Genus Fusarium], p. 270, 1950. (Syn. F. lateritium var. majus Wollenw.).

moniliforme Sheld. subsp. majus (Wol-lenw. & Reink.) Raillo, Грпбы Рода Фузарнум [Fungi of the Genus Fusarium], p. 261, 1950. (Syn. F. moniliforme var. majus Wollenw. & Reink.).

neoceras Wollenw. & Reink. var. sub-glutinans (Wollenw. & Reink.) Raillo, Fundis Poga Oysaphym [Fungi of the Genus Fusarium], p. 263, 1950. (Syn. F. monili-forme Sheld. val. subglutinans Wollenw. & Reink.)

oxysporum Schlecht, var. cepae (Hanz.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 253, 1950. (Syn. F.

cepae Hanz.)

-var. dianthi (Prill. & Del.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 255, 1950. (Syn. F. dianthi Prill. & Del.).

-var. pisi (Hall) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 254, 1950. (Syn. F. vasinfectum Atk. var. pisi Hall)

-var. trifoli (Jacz.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], р. 255, 1950. (Syn. F. trifoli Jacz.).

sambucinum Fuckel var. cereale (Cooke) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 211, 1950. (Syn. Fusisporium cerealis Cooke).

scirpi Lamb. & Fautr. subsp. acuminatum (Ell. & Ev.) Raillo, Грибы Рода Фузариум

1 Several numbered formae of species of Fusarium are described, some new but mostly as 'comb. nov.' of previously named taxa.

[Fungi of the Genus Fusarium], p. 177, 1950.

(Syn. F. acuminatum Ell. & Ev.).

- sporotrichioides Sherb. subsp. minus (Wollenw.) Raillo, Грибы Рода Фузарнум [Fungi of the Genus Fusarium], p. 196, 1950. (Syn. F. sporotrichioides var. minus Wol-

— var. tricinctum (Corda) Raillo, Грибы Рода Фузариум [Fungi of the Genus Fusarium], p. 197, 1950. (Syn. Selenosporium trioinctum Corda).

Fuscoporia prunicola (Murr.) Aoshima in Rep. For. Exp. Sta. 46, p. 160, 1950. (Syn. Fomitiporia prunicola Murr.).

GAEUMANNIELLA Petrak in Sydowia, 6, p. 162, 1952.—Pyrenomycetes.

singularis Petrak in Sydowia, 6, p. 162, 1952 on wood.—Florida, U.S.A.

Galeropsis allospora Singer nom. nov. in Lilloa, 23, p. 239, 1950. (Syn. Galera paradoxa Speg.) [See this Index, 2, p. 78 as Galeropsis allosperma Singer.]

Gallowaya crowellii (Cummins) Thiruma-lachar & Mundkur in Indian Phytopath., 2, p. 204, 1949. (Syn. Coleosporium crowellii

Cummins).

Gibberella macrolopha (Syd.) Dingley in Trans. roy. Soc. N.Z., 79, p. 406, 1952. (Syn. Botryosphaeria macrolopha Syd.).

Godronia abieticola (Zeller & Goodding) Seaver, The North American Cup-Fungi (Inoperculates), p. 332, 1951. (Syn. Sclero-derris abieticola Zeller & Goodding).

- abietina (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 332, 1951. (Syn. Scleroderris abietina Ellis & Ev.).

Goplana cissi Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 429, 1952 on Cissus polyantha.—Ivory Coast.

Gorgoniceps montanensis (Kanouse) Seaver, The North American Cup-Fungi (Inoperculates), p. 180, 1951. (Syn. Belonopsis montanensis Kanouse).

Graphiola cylindrica Kobayasi in Nagaoa, 1, p. 36, 1952 on Livistona chinensis.—Japan.

Gymnopilus flavipunctatus (Speg.) Singer in Lilloa, 23, p. 222, 1950. (Syn. Flammula

flavipunctata Speg.).
— spectabilis (Fr.) A. H. Sm. subsp. pampeanus (Speg.) Singer in Lilloa, 23, p. 222, 1950. (Syn. Flammula pampeana Speg.).

Hansenula anomala (Hansen) H. & P. Sydow var. ciferrii (Lodder) Lodder & Kreger-Van Rij, The Yeasts, p. 251, 1952. (Syn. H. ciferrii Lodder).

Hapalophragmium millettlae-rhodanthae Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 430, 1952 on Millettia rhodantha.-Ivory Coast.

Harposporium lilliputanum Dixon in Trans. Brit. mycol. Soc., 35, p. 146, 1952 on nematodes.-England.

Helotiella lonicerae (Cash) Seaver, The North American Cup-Fungi (Inoperculates), p. 288, 1951. (Syn. Tapesia lonicerae Cash).

Helotium ammoides (Sacc.) Seaver, The North American Cup-Fungi (Inoperculates), p. 145, 1951. (Syn. Pseudohelotium ammoides Sacc.)

- amplum (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 133, 1951. (Syn. Phialea ampla Ellis & Ev.)

- arenicola (Ellis & Ev.) Seaver, The North

American Cup-Fungi (Inoperculates), p. 148, 1951. (Syn. Phialea arenicola Effis & Ev.).

- aurantium Seaver nom. nov., The North American Cup-Fungi (Inoperculates), p. 140, 1951. (Syn. Pezizella aurantiaca Cash non H. aurantiacum Cooke).

cassandrae (Kanouse) Seaver, The North American Cup-Fungi (Inoperculates), p. 146, 1951. (Syn. Phialea cassandrae Kanouse).

craginianum (Ellis & Ev.) Seaver, North American Cup-Fungi (Inoperculates), 144, 1951. (Syn. Peziza craginiana Ellis & Ev.).

- dakotense (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 132, 1951. (Syn. Pezizella dakotense Rehm).

eschscholtziae (Phill. & Hark.) Seaver, The North American Cup-Fungi (Inoperculates), p. 129, 1951. (Syn. Peziza eschecholtziae Phill. & Hark.).

-fumosellum (Cooke & Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 126, 1951. (Syn. Peziza fumosella Cooke & P. 120 Ellis).

- lanceolato-paraphysatum (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 145, 1951. (Syn. Pezizella lanceolato-paraphysata Rehm).

- laricinum (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 139, 1951. (Syn. Pseudohelotium laricinum Ellis

& Ev.).

-luteovirescens (Rob.) Seaver, The North American Cup-Fungi (Inoperculates), p. 131, 1951. (Syn. Peziza luteovirescens Rob.). [See H. luteovirescens (Desm.) Karst. in Hedwigia, 22, p. 164, 1883.]

nigromaculatum (Earle) Seaver, The North American Cup-Fungi (Inoperculates), p. 123, 1951. (Syn. Hymenoscypha nigro-

maculata Earle).

- phaeoconium (Fairman) Seaver, The North American Cup-Fungi (Inoperculates), p. 129, 1951. (Syn. Phialea phaeoconia Fairman).

rhizicola Seaver, The North American Cup-Fungi (Inoperculates), p. 142, 1951 on roots & stems of Polygonum virginianum and Collinsonia canadensis.—New York, U.S.A.

- simulatum (Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 137, 1951. (Syn. Peziza simulata Ellis).

umbrinum (Kanouse) Seaver, The North American Cup-Fungi (İnoperculates), p. 147, 1951. (Syn. Pseudociboria umbrina Kanouse).

Hemileia mussaendae Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 431, 1952 on Mussaenda erythrophylla.—Ivory Coast.

Hendersonia ginkginis Naito in Sci. Rep. Kagoshima Univ., 1, p. 76, 1952 on Ginkgo biloba .- Japan.

- holoschoeni (Mont.) Petrak in Sydowia, 6, p. 236, 1952. (Syn. Ascospora holoschoeni Mont.).

- livistonae Naito in Sci. Rep. Kagoshima Univ., 1, p. 76, 1952 on Livistona subglobosa. -Japan,

phormii Naito in Sci. Rep. Kagoshima Univ., 1, p. 77, 1952 on Phormium tenax.— Japan.

Heterosporium echinulatum (Berk.) Cooke var. dianthi Losa in Coll. bot., Barcinone, 3, p. 149, 1952 on Dianthus seguieri.—Spain.

Hirschioporus versatilis (Berk.) Imazeki in J. Jap. Bot., 20, p. 288, 1945. (Syn. Trametes versatilis Bork.).

Hygrophorus langei (Kühn.) Pearson in Trans. Brit. mycol. Soc., 35, p. 105, 1952. (Syn. Hygrocybe langei Kühn.).

miniatus Fr. forma sphagnophilus (Peck) Hongo in J. Jap. Bot., 27, p. 160, 1952. (Syn. H. miniatus var. sphagnophilus Peck).

Hypocrea coprosma Dingley in Trans. roy. Soc. N.Z., 79, p. 328, 1952 on rotten Copsosma robusta.—New Zealand.

- hunua Dingley in Trans. roy. Soc. N.Z., 79, p. 327, 1952 on wood.—New Zealand.

-macrospora Dingley in Trans. roy. Soc. N.Z., 79, p. 330, 1952 on Leptospermum scoparium.—New Zealand.

-manuka Dingley in Trans. roy. Soc. N.Z., 79, p. 327, 1952 on rotten Leptospermum scoparium.—New Zealand.

- novae-zealandica Dingley in Trans. roy. Soc. N.Z., 79, p. 336, 1952 on dead Melicytus ramiflorus.—New Zealand.

- tawa Dingley in Trans. roy. Soc. N.Z., 79, p. 335, 1952 on rotten Beilschmiedia tawa.— New Zealand.

toro Dingley in Trans. roy. Soc. N.Z., 79, p. 329, 1952 on dead Suttonia salicina.—New Zealand.

\*Hypoxylon nummularium (Bull.) ex Fr. var. macrosporum Gilman & Tiffany in Iowa St. Coll. J. Sci., 26, p. 470, 1952 on white oak.—Iowa, U.S.A.

Hysterangium knappil Soehner in Sydowia,

6, p. 253, 1952.—Switzerland.

Inocybe commutabilis Furrer-Ziogas in Schweiz. Z. Pilzk., 30, p. 127, 1952.—Europe.
— hypophaea Furrer-Ziogas in Schweiz. Z. Pilzk., 30, p. 131, 1952.—Switzerland.
— lucituga Fr. forma gralla Furrer-Ziogas in Furrer-Ziogas in

Schweiz. Z. Pilzk., 30, p. 134, 1952 .- Europe.

Karschia nootkatensis Terrier in Ber. schweiz. bot. Ges., 62, p. 427, 1952 on Chamaecyparis

nootkatensis forma pendula.—Switzerland. Karstenula sorbicola Petrak in Sydowia, 6, p. 8, 1952 on dead Sorbus.—Maine, U.S.A.

Kriegeria alutipes (Phill.) Seaver, The North American Cup-Fungi (Inoperculates), p. 103, 1951. (Syn. Peziza alutipes Phill.)

- enterochroma (Peck) Seever, The North American Cup-Fungi (Inoperculates), p. 101, 1951. (Syn. Peziza enterochroma Peck).

Laboulbenia buehlmannii Poelt in Mitt. bot. Staatssamml. München 4, p. 116, 1952 on

Elaphrus cupreus .- Germany

Lachnella acanthonitschkeae (Cash & Davidson) Seaver, The North American Cup-Fungi (Inoperculates), p. 262, 1951. (Syn. Dasyscypha acanthonitschkeae Cash & Davidson).

agassizii (Berk. & Curt.) Seaver, The North American Cup-Fungi (Inoperculates), p. 247, 1951. (Syn. Peziza agassizii Bork. & Curt.).

- agrostina (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 259, 1951. (Syn. Peziza agrostina Peck).

- arida (Phill.) Seaver, The North American Cup-Fungi (Inoperculates), p. 268, 1951.

(Syn. Peziza arida Phill.)

-arundinariae (Cash) Seaver, The North American Cup-Fungi (Inoperculates), p. 259, 1951. (Syn. Lachnum arundinariae Cash).

- atropurpurea (Durand) Seaver, The North American Cup-Fungi (Inoperculates), p. 266, 1951. (Syn. Lachnum atropurpureum Durand). - canadensis (Ellis & Dearn.) Seaver, The North American Cup-Fungi (Inoperculates), p. 265, 1951. (Syn. Pseudohelotium canadensis Ellis & Dearn.).

capitata (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 254, 1951.

Syn. Peziza capitata Peck).

-cllata (Hahn) Seaver, The North American Cup-Fungi (Inoperculates), p. 247, 1951. (Syn. Dasyscypha cilata Hahn).

-corni (Cash) Seaver, The North American Cup-Fungi (Inoperculates), p. 271, 1951.

(Syn. Lachnum corni Cash).

dicranopteridis (Seaver & Whetzel) Seaver, The North American Cup-Fungi (Inoperculates), p. 262, 1951. (Syn. Dasyscypha dicranopteridis Seaver & Whetzel).

ellisiana (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 248, 1951.

(Syn. Peziza ellisiana Rehm)

eupatorii (Schw.) Seaver, The North American Cup-Fungi (Inoperculates), p. 272, 1951.

(Syn. Peziza eupatorii Schw.).

fasciculata (Seaver & Waterston) Seaver, The North American Cup-Fungi (Inoperculates), p. 251, 1951. (Syn. Dasyscypha fasciculata Seaver & Waterston).

gaultheriae (Ellis & Ev.) Seaver, The North American Cup-Fungi (Inoperculates), p. 256, 1951. (Syn. Dasyscypha gaultheriae Ellis &

- gleicheniae (Cash) Seaver, The North American Cup-Fungi (Inoperculates), p. 266,

1951. (Syn. Lachnum gleicheniae Cash).
- hahniana Seaver nom. nov., The North American Cup-Fungi (Inoperculates), p. 245, 1951. (Syn. Dasyscypha calycina Fuckel non Peziza calycina Schum.).
-ivae (Rehm) Seaver, The North American

Cup-Fungi (Inoperculates), p. 265, 1951.

(Syn. Dasyscypha ivae Rehm).

microspora (Kanouse) Seaver, The North American Cup-Fungi (Inoperculates), p. 267, 1951. (Syn. L. tricolor var. microspora Kanouse).

- oblongospora (Hahn & Ayers) Seaver, The North American Cup-Fungi (Inoperculates), p. 245, 1951. (Syn. Dasyscypha

oblongospora Hahn & Ayers).

occidentalis (Hahn & Ayers) Seaver, The North American Cup-Fungi (Inoperculates), p. 244, 1951. (Syn. Dasyscypha occidentalis Hahn & Ayers).

- pollinaria (Cooke) Seaver, The North American Cup-Fungi (Inoperculates), p. 255, 1951.

(Syn. Peziza pollinaria Cooke, Peziza pollinaria Cooke, Peppulicola Seaver, The North American Cup-Fungi (Inoperculates), p. 270, 1951 on old wood of Populus tremuloides.—Colorado,

populina Seaver, The North American Cup-Fungi (Inoperculates), p. 270, 1951 on bark and wood of Populus tremuloides .- Colorado,

- pseudotsugae (Hahn) Seaver, The North American Cup-Fungi (Inoperculates), p. 246, 1951. (Syn. Dasyscypha pseudotsugae Hahn).

- pteridicola Seaver nom. nov. The North American Cup-Fungi (Inoperculates), p. 261, 1951. (Syn. Hyalopeziza pteridis Kanouse non L. pteridis Phill.).

pulveracea (Alb. & Schw.) Seaver, The North American Cup-Fungi (Inoperculates), p. 268, 1951. (Syn. Peziza pulveracea Alb. &

- solenia (Peck) Seaver, The North American

Cup-Fungi (Inoperculates), p. 260, 1951.

(Syn. Peziza solenia Peck). - subochracea (Cooke & Peck) Sesver, The North American Cup-Fungi (Inoperculates), p. 251, 1951. (Syn. Peziza subochracea Cooko & Peck)

- succina (Phill.) Seaver, The North American Cup-Fungi (Inoperculates), p. 263, 1951.

(Syn. Peziza succina Phill.)

- tautilla (Phill. & Hark.) Seaver, The North American Cup-Fungi (Inoperculates), p. 256, 1951. (Syn. Peziza tautilla Phill. & Hark.).

- virginella (Cooke) Seaver, The North American Cup-Fungi (Inoperculates), p. 256, 1951. (Syn. Peziza virginella Cooke).

- viridicoma (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 267, 1951. (Syn. Peziza viridicoma Peck).

Lactarius mairei Malençon var. zonatus A. A. Pearson in *Naturalist*, *Lond.*, 1950, p. 100, 1950.—England.

- neotropicus Singer in Kew Bull., 1952,

p. 299, 1952.—Trinidad. - panuoides Singer in Kew Bull., 1952, p. 300,

1952.—Trinidad

Leplota pinguipes Pearson in Trans. Brit. mycol. Soc., 35, p. 97, 1952.—England. LEPTOLEGNIELLA Huneycutt in J. Elisha

Mitchell sci. Soc., 68, p. 109, 1952.—Phycomycetes

- keratinophila Huneycutt in J. Elisha Mitchell sci. Soc., 68, p. 110, 1952 from soil.— Tennessee, U.S.A.

Leptosphaeria berlesel Larsen & Munk in Dansk. bot. Ark., 14, No. 7, p. 23, 1952 on dead Equisetum hiemale.—Denmark.

- elongata Wehmeyer in Mycologia, 44, p. 633, 1952 on Elymus glaucus.--Washington, U.S.A.

- filiformis Wehmeyer in Mycologia, 44, p. 641,1952 on Compositae.—Washington, U.S.A.

- larseniana Munk nom. nov. in Dansk. bot. Ark., 14, No. 7, p. 27, 1952. (Syn. L. elymi Larsen, non Atkinson).

- sieversiae (Clem.) Petrak in Sydowia, 6, p. 6, 1952. (Syn. Massaria sieversiae Clem.).

Leptosphaerulina kiusiana Naito in Sci. Rep. Kagoshima Univ., 1, p. 73, 1952 on

Michelia chinensis .- Japan. Leptospora sorbina (Nyl.) Munk in Dansk. bot. Ark., 14, No. 7, p. 6, 1952. (Syn. Bizzozeria sorbina (Nyl.) Höhnel).

\* subsquarrosus Locquin in Bull. mens. Soc. linn. Lyon, 14, p. 52, 1945.—France.

Leucocoprinus heimii Locquin nom. nov. in Rev. Mycologie, N.S., 17, p. 53, 1952. (Syn. L. naucinus Locquin non Fr.).
Lilliputia rufula (Berk. & Br.) Hughes in

Mycol. Pap., 42, p. 2, 1951. (Syn. Chaetomium rufulum Berk. & Br.). LIPOMYCES Lodder & Kreger-Van Rij, The

Yeasts, p. 669, 1952.—Endomycetaceae. Type, L. starkeyi.

— lipoferus (den Dooren de Jong) Lodder & Kreger-Van Rij, The Yeasts, p. 335, 1952. (Syn. Torula lipofera den Dooren de Jong) - starkeyi Lodder & Kreger-Van Rij, Yeasts, p. 669, 1952 from soil.—Holland.

Lophium mayori Zogg in Ber. schweiz. bot. Ges., 62, p. 295, 1952 on dead Larix decidua. -Switzerland.

Marasmiellus tropicalis (Speg.) Singer in Lilloa, 23, p. 189, 1950. (Syn. Pleurotus tropic lis Speg.).

Marasmius caussei (Maire) Pilát, Agaric. Europae. clavis dichot., p. 185, 1961. (Syn. Xerula caussei Maire)

- hymenlicephalus (Speg.) Singer in Lilloa, 23, p. 197, 1950. (Syn. Agaricus hymanii-

cephalus Speg.).

Maravalia sebastianiae Lindquist in Darwiniana, B. Aires, 9, p. 609, 1951 on Sebastiania klotschiana.—Argentine.

Margarinomyces heteromorpha (Nannf.) Mangenot in Rev. gén. Bot., 59, p. 394, 1952. (Syn. Trichosporium heteromorphum Nannf.).

var. robusta Mangenot in Rev. gén. Bot., 59, p. 397, 1952 on dead Betula.—France. microsperma (Corda) Mangenot in Rev. gén. Bot., 59, p. 397, 1952. (Syn. Cerato-cladium microspermum Corda). (Syn. Cerato-

MASONIA G. Smith in Trans. Brit. mycol. Soc., 35, p. 149, 1952.—Hyphomycetes. Type, M. grisea. [Non Masonia Hansf., this Index, 1, p. 121. See Masoniella below.] - chartarum G. Smith in Trans. Brit. mycol.

Soc., 35, p. 150, 1952 on wallpaper.

England.

grisea G. Smith in Trans. Brit. mycol. Soc., 35, p. 149, 1952 as a culture contaminant.— England.

MASONIELLA G. Smith nom. nov. in Trans. Brit. mycol. Soc., 35, p. 237, 1952. (Syn. Masonia G. Smith, non Hansford). Type, M. grisea.

chartarum (G. Smith) G. Smith in Trans. Brit. mycol. Soc., 35, p. 237, 1952. (Syn. Masonia chartarum G. Smith).

grisea (G. Smith) G. Smith in Trans. Brit. mycol. Soc., 35, p. 237, 1952. (Syn. Masonia grisea G. Smith)

Massaria shearli Petrak in Sydowia, 6, p. 5, 1952 on dead Magnolia.—Georgia, U.S.A.

p. 7, 1952 on dead Staphylea rufa.—Florida, U.S.A. Massarina floridana Petrak in Sydowia, 6,

— staphyleae Petrak in Sydowia, 6, p. 7, 1952 on dead Staphylea rufa.—Florida, U.S.A. Melanconiella corni (Wehm.) Petrak in Sy-dowia, 6, p. 15, 1952. (Syn. Melanconis corni

Wehm.).

Melanconis commutata Petrak in Sydowia, 6, p. 13, 1952 on Carya.—Maryland, U.S.A. Melanoleuca balansae (Speg.) Singer in

Lilloa, 23, p. 177, 1950. (Syn. Clitocybe balansae (Speg.) Sacc.).

- deserticola (Speg.) Singer in Lilloa, 23, p. 177, 1950. (Syn. Tricholoma panaeolum var. deserticola Speg.).

-longispora Singer in Sydowia, 6, p. 206, 1952.—Argentine.

- spegazzinii (Sacc. & D. Sacc.) Singer in Lilloa, 23, p. 175, 1950. (Syn. Tricholoma spegazzinii Sacc. & D. Sacc.).

strictipes (Karst.) Schaeffer in Pilát, Agaric. Europae. clavis dichot., p. 157, 1951. (Syn.

Tricholoma strictipes Karst.).

- umbrinella (Speg.) Singer in Sydowia, 6, p. 204, 1952. (Syn. Tricholoma umbrinellum Speg.).

Meliola polytricha Kalchbr. & Cooke var. queenslandica E. Fisher in Proc. roy. Soc. Vict., N.S., 62, p. 133 on Callistemon viminalis.—Queensland, Australia.

Metaspheria bispora Larsen in Dansk. bot. Ark., 14, No. 7, p. 33, 1952 on Typha latifolia.—Denmark

\*MICROCOLLYBIA Métrod in Rev. Mycol., Paris, N.S., 17, p. 75, 1952 - Agaricaceae.

- cirrhata (Fr.) Métrod in Rev. Mycol., Paris, N.S., 17, p. 87, 1952. (Syn. Agaricus cirrhatus

Schum. ex Fr.).

- racemosa (Fr.) Métrod in Rev. Mycol., Paris, N.S., 17, p. 88, 1952. (Syn. Agaricus

racemosus Pers. ex Fr.).

- tuberosa (Fr.) Métrod in Rev. Mycol., Paris, N.S., 17, p. 87, 1952. (Syn. Agaricus tuber-osus Bull. ex Fr.).

Microsphaera penicillata (Wallr. ex Fr.) Lév. var. calocladophora (Atk.) W. B. Cooke in Mycologia, 44, p. 574, 1952. (Syn. M. alni var. calocladophora (Atk.) Salmon) - var. extensa (Cooke & Peck) W. B.

Cooke in Mycologia, 44, p. 573, 1952. (Syn. M. alni var. extensa (Cooke & Peck) Salmon). - var. lonicerae (Fr.) W. B. Cooke in Mycologia, 44, p. 572, 1952. (Syn. M. alni var. lonicerae (DC.) Salmon).

- var. ludens (Salmon) W. B. Cooke in Mycologia, 44, p. 574, 1952. (Syn. M. alni

var. ludens Salmon).

- var. rhamni-frangulae (Fr.) W. B. Cooke in Mycologia, 44, p. 572, 1952. (Syn. Erysiphe penicillata var. rhamni-frangulae

- var. vaccinii (Schw.) W. B. Cooke in Mycologia, 44, p. 573, 1952. (Syn. M. alni

var. vaccinii (Schw.) Salmon).

Microthyrium nigro-annulatum J. Webster in Trans. Brit. mycol. Soc., 35, p. 208, 1952 on Dactylis glomerata.- England.

Midotis floridana Seaver, The North American Cup-Fungi (Inoperculates), p. 95, 1951 on rotten wood.—Florida, U.S.A.

- nicaraguensis (Durand) Seaver, The North American Cup-Fungi (Inoperculates), p. 93, 1951. (Syn. Ionomidotis nicaraguensis Dur.). - olivascens (Durand) Soaver, The North American Cup-Fungi (Inoperculates), p. 94,

1951. (Syn. Ionomidotis olivascens Dur.). -versiformis (Pers.) Seaver, The North American Cup-Fungi (Inoperculates), p. 94,

1951. (Syn. Peziza versiformis Pers.).

-westii Seaver, The North American Cup-Fungi (Inoperculates), p. 96, 1951 on wood of Ostrya.—Florida, U.S.A.

Mollisia exigua (Cooke) Seaver, The North American Cup-Fungi (Inoperculates), p. 207, 1951. (Syn. Peziza exigua Cooke).

- incrustata (Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 215, 1951. (Syn. Peziza incrustata Ellis).

oenotherae (Cooke & Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 211, 1951. (Syn. Peziza oenotherae Cooke & Ellis).

- sabalidis (Ellis & Mart.) Seaver, The North American Cup-Fungi (Inoperculates), p. 214, (Syn. Dermatea sabalidis Ellis &

Mart.

-subcinerea (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 207,

American Cup-Fung (Inoperculaies), p. 207, 1951. (Syn. Mollisiopsis subcinerea Rehm).

Mucor recurvus E. E. Butler in Mycologia, 44, p. 561, 1952 from diseased Fragaria roots.—Minnesota, U.S.A.

MURANGIUM Seaver, The North American 282, 1051.

Cup-Fungi (Inoperculates), p. 367, 1951 .-

- sequolae (Plow.) Seaver, The North American Cup-Fungi (Inoperculates), p. 368, 1951. (Syn. Cenangium sequoiae Plow.).

Mycena flos-nivium Kühner in Bull. Soc. Nat. Oyonnax, 6, p. 71, 1952.—France.

Mycenella funebris Singer in Sydowia, 6, p. 213, 1952 .- Argentine

Mycosphaerella elymifoliae Munk in Dansk

bot. Ark., 14, No. 8, p. 2, 1952 on dead

- koldingensis Munk in Dansk. bot. Ark., 14, No. 8, p. 1, 1952 on dead Geum rivale .-

- larsenii Munk in Dansk. bot. Ark., 14, No. 8, p. 3, 1952 on dead Geum urbanum .- Denmark.

\*Mycosyrinx globosa Viennot-Bourgin in Rev. int. Bot. appl., 32, p. 264, 1952 on Cissus.-French Congo.

Nectria submersa Kobayasi in J. Jap. Bot., 27, p. 185, 1952 from water.—Japan.

Octojuga chionea (Pers.) Pilát, Agaric. Europae. clavis dichot., p. 224, 1951. (Syn. Pleurotus chioneus Pers.).

Oedocephalum coprophilum Kobayasi apud Kominami, Kobayasi & Tubaki in Nagaoa, 1,

o. 8, 1952 from dung.—Japan.

Oidiodenron ambiguum (Peyronel) Malan in Nuovo G. bot. ital., 56, p. 738, 1949. (Syn. Dicyma ambigua Peyronel).

Olpidiopsis gillii (de Wildeman) Friedmann in Ost. bot. Z., 99, p. 200, 1952. (Syn. Olpidium gillii de Wildeman).
\*Omphalia aulacomnii Schaeffer in Pilát,

Agaric. Europae. clavis dichot., p. 174, 1951.-Europe.

barbularum Romagnesi in Rev. Mycologie, N.S., 17, p. 44, 1952 among Barbula.-France.

- galericolor Romagnesi in Rev. Mycologie, N.S., 17, p. 45, 1952 among Barbula.-France.

- roseotincta Pearson in Trans. Brit. mycol. Soc., 35, p. 105, 1952.—England.

Omphalina defibulata Singer in Sydowia, 6, p. 190, 1952.—Argentine

griseopallida (Desm.) Quél. forma tetraspora Singer in Sydowia, 6, p. 189, 1952 .-Argentine.

Ophiostoma coffeae (Zimmerm.) von Arx in Leeuwenhock ned. Tijdschr., 18, p. 210, 1952. (Syn. Rostrella coffeae Zimmerm.).

- leptographoides (Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella (Grosmannia) leptographoides Davidson).

lunae (Kitajima) von Arx in Leeuwenhook ned. Tijdschr., 18, p. 211, 1952. (Syn. Endo-conidiophora lunae Kitajima).

- microsporum (Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella (Ophiostoma) microspora

- montium (Rumbold) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella montium Rumbold).

-multiannulatum (Hedge. & Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella multiannulata Hedge. & Davidson).

- obscurum (Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella obscura Davidson).

- piceaperdum (Rumbold) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella piceaperda Rumbold).

pseudotsugae (Rumbold) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella pseudotsugae Rumbold). radicicolum (Bliss) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. (Syn. Ceratostomella radicicola Bliss).

- rostrocylindricum (Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 212, 1952. (Syn. Ceratostomella (Ophiostoma) rostrocylindrica Davidson).

- serpens (Goid.) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 211, 1952. Grosmannia serpens Goid.).

variosporum (Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 212, 1952. Arx in (Syn. Endoconidiophora variospora Davidson).

· virescens (Davidson) von Arx in Leeuwenhoek ned. Tijdschr., 18, p. 212, 1952. (Syn. Endoconidiophora virescens Davidson).

Orbicula parietina (Schrader ex Fr.) Hughes in Mycol. Pap. 42, p. 1, 1951. (Syn. Didymium parietinum Schrad. ex Fr.).

Orbilia cruenta (Schw.) Seaver, The North American Cup-Fungi (Inoperculates), p. 158, 1951. (Syn. Peziza cruenta Schw.).

- cucurbitae (Gerard) Seaver, The North American Cup-Fungi (Inoperculates), p. 155, 1951. (Syn. Peziza cucurbitae Gor.).

- diaphanula (Cooke) Seaver, The North American Cup-Fungi (Inoperculates), p. 153, 1951. (Syn. Peziza diaphanula Cooke)

- fairmani (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 154. 1951. (Syn. Pezizella fairmani Rehm).

- phymatodes (Phill.) Seaver, The North American Cup-Fungi (Inoperculates), p. 156, 1951. (Syn. Peziza phymatodes Phill.).

- pulviscula (Cooke) Seaver, The North American Cup-Fungi (Inoperculates), p. 160, 1951. (Syn. Peziza pulviscula Cooke).

Ovulariopsis cynarae (Ferr. & Massa) Ciccarone in Boll. Staz. Pat. veg. Roma, Ser. 3, 9, p. 36, 1952. (Syn. Oidium cynarae Ferr. & Massa).

Ovulinia perplexa (Lawrence) Seaver, The North American Cup-Fungi (Inoperculates), p. 65, 1951. (Syn. Sclerotinia perplexa Lawrence).

Panellus longinquus (Berk.) Singer in Sydowia, 6, p. 209, 1952. (Syn. Agaricus longinquus Berk.).

Passalora milii (Syd.) de Vries, Contribution to the knowledge of the Genus Cladosporium, 94, 1952. (Syn. Cladosporium milii Syd.).

(Cronartium) Peridermium appalachianum Hepting & Cummins in Phytopathology, 42, p. 115, 1952 on Pinus virginiana.—North Carolina, U.S.A.

Petersenia panicicola Thirumalachar & Lacy in Mycopathologia, 6, p. 75, 1951 on Panicum

repens .- India

Pezicula brenckleana Seaver nom. nov., The North American Cup-Fungi (Inoperculates), p. 341, 1951. (Syn. Cenangium rosae Sacc. non Schw.)

- ocellata (Pers.) Seaver, The North American Cup-Fungi (Inoperculates), p. 345, 1951. (Syn. Peziza ocellata Pers.).

- olivascens (Rehm) Seaver, The North American Cup-Fungi (Inoperculates), p. 339, 1951. (Syn. Dermatea olivascens Rehm)

- phyllophila (Peck) Seaver, The North American Cup-Fungi (Inoperculates), p. 350, 1951. (Syn. Dermatea phyllophila Peck) [See also P. ply llophila (Deam.) Karst., Bidr.
Finl. Nat. Folk. 19, p. 167, 1871.]
populi (Thompson) Seaver, The North

American Cup-Fungi (Inoperculates); p. 346, 1951. (Syn. Neofabraea populi Thompson). Phaeosphaeria japonica Naito in Sci. Rep.

Kagoshima Univ., 1, p. 72, 1952 on Livistona subglobosa.-Japan.

Phleospora panici H. C. Greene in Trans. Wis. Acad. Sci. Arts Lett., 41, p. 126, 1952 on Panicum praecocius.—Wisconsin, U.S.A.

Phragmidiella heterophragmae (Mundkur & Thirumalachar) Thirumalachar & Mundkur in Indian Phytopath., 2, p. 240, 1949. (Syn. Santapauella heterophragmae Mundkur & Thirumalachar).

\*Phyllosticta crassicaulis Losa in Coll. bot., Barcinone, 3, p. 151, 1952 on Silene crassi-

caulis .- Spain.

- sequolae Naito in Sci. Rep. Kagoshima Univ., 1, p. 74, 1952 on Sequoia semper-virens.—Japan.

Phytophthora primulae Tomlinson in Trans. Brit. mycol. Soc., 35, p. 233, 1952 on Primula polyantha.—England.

PLEIOCHAETA (Sacc.) Hughes in Mycol. Pap. 36, p. 39, 1951. (Syn. Ceratophorum subgen. Pleiochaeta Sacc.).

- albizziae (Petch) Hughes in Mycol. Pap. 36, p. 39, 1951. (Syn. Ceratophorum albizziae Petch).

- setosa (Kirchner) Hughes in Mycol. Pap. 36, p. 39, 1951. (Syn. Ceratophorum setosum Kirchner).

Pleomassaria acericola Petrak in Sydowia, 6, p. 10, 1952 on dead Acer.—Pennsylvania, U.S.A.

- helvetica Petrak in Sydowia, 6, p. 9, 1952 on dead Cytisus laburnum .- Switzerland. Pleospora gaeumanni Müller in Ber. schweiz.

bot. Ges., 61, p. 165, 1951 on dead grass stems.—Switzerland. var. herbarum in

herbarum Rabenh. Lloydia, 15, p. 82, 1952 on Allium.-Europe.

hippophaës Larsen in Dansk. bot. Ark., 14, No. 7, p. 36, 1952 on dead Hippophaes rhamnoides.—Denmark.

- laricina Rehm var. laricina in Lloydia, 15, p. 94, 1952 on Larix.-Europe.

-- var. nitida (Ellis & Ev.) Wehmeyer in Lloydia, 15, p. 95, 1952. (Syn. Teichospora nitide Ellis & Ev.).

-media Niessl var. acuta Wehmeyer in Lloydia, 15, p. 78, 1952 on Juncus.—Europe. var. media in Lloydia, 15, p. 75, 1952.-

N. & S. America, Europe.

var. obtusa Wehmeyer in Lloydia, 15,

p. 78, 1952 on *Herniaria*.—Germany.
- obtusa (Fuckel) Höhn, var. macrocarpa Wehmeyer in Lloydia, 15, p. 93, 1952 on Sorbus .- Sweden.

- var. obtusa in Lloydia, 15, p. 92, 1952 on Ephedra, pine wood and pasteboard .-Europe, Argentine

richtophensis Ellis & Ev. var. pallida Wehmeyer in *Lloydia*, 15, p. 73, 1952 on *Aster*.—Washington, U.S.A.

var. richtophensis in Lloydia, 15, p. 73, 1952 on Helianthus.—Colorado, U.S.A. rubicunda Niessl var. americana Weh-

meyer in Mycologia, 44, p. 645, 1952 on Pedicularis latifolia.—Washington, U.S.A.

vulgaris Niessl var. ferruginea Wehmeyer in Lloydia, 15, p. 72, 1952 on Pentstemon.— Wyoming, U.S.A.

var. vulgaris in Lloydia, 15, p. 71, 1952. -N. & S. America, Europe.

Pleuroflammula bruchii (Speg.) Singer in

Lilloz, 23, p. 218, 1950. (Syn. Crepidotus bruchii Speg.).

Pleurotus sutherlandii Singer in Sydowia, 6, p. 211, 1952 on dead Nothofagus pumilio.-

Pluteus carneipes Kühner in Bull. mens. Soc.

linn. Lyon, 19, p. 102, 1950.—France.
— defibulatus Singer in Sydowia, 6, p. 222, 1952 on dead trunks of Nothofagus.—Argen-

- lepiotoides Pearson in Trans. Brit. mycol. Soc., 35, p. 109, 1952.—England.

- spegazzinianus Singer in Sydowia, 6, p. 221, 1952 on trunks of Nothofagus.—Argen-

- splendidus Pearson in Trans. Brit. mycol. Soc., 35, p. 110, 1952.—England.

Podosphaera clandestina (Wallr. ex Fr.)
Lév. var. tridactyla (Wallr.) W. B. Cooke
in Mycologia, 44, p. 572, 1952. (Syn. P.
oxycanthae var. tridactyla (Wallr.) Salmon).
Poromycena violacella (Spag.) Singer in

Lilioa, 23, p. 200, 1950. (Syn. Collybia violacella Speg.).

PORPOLOMA Singer in Sydowia, 6, p. 198, 1952.—Agaricales. Type P. sejunctum.

- portentosum Singer in Sydowia, 6, p. 199, 1952.-Argentine.
- sejunctum Singer in Sydowia, 6, p. 198, 1952.-Argentine.
- terreum Singer in Sydowia, 6, p. 201, 1952. -Argentine

Psathyra acutilamella (Favre) Pilát, Agaric. Europae, clavis dichot., p. 387, 1951. (Syn. Psathyrella acutilamella Favre).

Psathyrella fatua (Fr.) Pearson in Trans. Brit. mycol. Soc., 35, p. 119, 1952. (Syn.

Psathyra fatua Fr.).

- fusca (Schum. ex Lange) Pearson in Trans. Brit. mycol. Soc., 35, p. 120, 1952. (Syn. Psathyra fusca (Schum.) Lange).

- microspora (Imai) Hongo in J. Jap. Bot., 27, p. 194, 1952. (Syn. Psathyra microspora

- multissima (Imai) Hongo in J. Jap. Bot., 27, p. 193, 1952. (Syn. Psathyra multissima

- pygmea (Bull. ex Fr.) Pearson in Trans. Brit. mycol. Soc., 35, p. 120, 1952. (Syn. Drosophila pygmea (Bull. ex Fr.) Quéi.).

Pseudotrichia minor Munk in Danek. bot. Ark., 14, No. 8, p. 7, 1952 on Diaporthe

larseniana. - Denmark.

Puccinia agropyricola Hiratsuka f. nom. nov. in Bot. Mag., Tokyo, 64, p. 221, 1951. (Syn. Rostrupia miyabeana Ito non P. miyabeana Miyake).

- baphiae Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 431, 1952 on Baphia pubescens.—Ivory Coast.

- caricina DC. var. uliginosa (Juel) Jerstad in Skr. norske VidenskAkad., 1951, No. 2, p. 30, 1952. (Syn. P. uliginosa Juel).
- crepidis-integrae Hiratsuka f. in Mem.

Fac. Agric. Tokyo Univ. 1, p. 61, 1952 on Crepidiastrum lanceolatum.—Japan.

- digitariae-velutinae Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 432, 1952 on Digitaria velutina.—Ivory Coast.

- hydrocotyles (Link) Cooke var. tristanensis Jorstad in Results Norweg. Exped. T da Cunha 14, p. 8, 1947 on Hydrocotyle capitata.-Tristan da Cunha

ruttner! Fischer in PflSchBer., 9, p. 21, 1952 on Petasites and Carex gracilis .- Austria.

virectae Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 432, 1952 on Virecta multi-flora.—Ivory Coast.

Pucciniastrum vaccinii (Wint.) Jørstad in Skr. norske VidenskAkad., 1951, No. 2, p. 55,

- 1952. (Syn. Melampsora vaccinii Wint.). Pullularia werneckii (Horta) de Vries, tribution to the knowledge of the Genus Cladosporium, p. 101, 1952. (Syn. Cladosporium werneckii Horta).
- Ramularia nivosa (Ellis & Ev.) W. B. Cooke & Shaw in Lloydia, 15, p. 127, 1952. (Syn. Cercosporella nivosa Ellis & Ev.).

Rhizophydium achnanthis Friedmann in Ost. bot. Z., 99, p. 181, 1952 on Achnanthes

affinis .- Germany

- melosirae Friedmann in Ost. bot. Z., 99, p. 179, 1952 on Melosira varians.—Germany. Rhodophyllus argentinus (Speg.) Singer in Lilloa, 23, p. 228, 1950. (Syn. Claudopus argentinus Spog.).

pampicola (Speg.) Singer in Lilloa, 229, 1950. (Syn. Naucoria pampicola Speg.).

subgoniosporus (Speg.) Singer in Lilloa, 23, p. 229, 1950. (Syn. Collybia subgoniospora Speg.)

Rhodotorula marina Phaff, Mrak, & Williams in Mycologia, 44, p. 436, 1952 from Penegus satiferus .- Texas

- peneaus Phaff, Mrak, & Williams in Mycologia, 44, p. 438, 1952 from Peneaus setiferus.

pilimanae Hedrick & Burke in Mycopathologia, 6, p. 94, 1951 from Drosophila pilimanae.-Hawaii.

texensis Phaff, Mrak, & Williams in Mycologia, 44, p. 437, 1952 from Peneaus setiferus.

RHOPALOCONIDIUM Petrak in Sydowia,

6, p. 300, 1952.—Hyphomycetes.
- asiminae (Ell. & Morg.) Petrak in Sydowia, 6, p. 301, 1952. (Syn. Phleospora asiminae Ell. & Morg.)

Rosenscheidiella phoradendri Limber & Jenkins in Mycologia, 44, p. 560, 1952 on Phoradendron robustissimum.—El Salvador, Central America.

ROSTROSPORA C. V. Subramanian & K. Ramakrishnan in J. Madras Univ., Sect. B,

22, p. 67, 1952.—Melanconiales

22, p. 01, 1892. Interactional C. V. Subramanian & K. Ramakrishnan in J. Madras Univ., Sect. B, 22, p. 67, 1992. (Syn. Colletotrichum ciliatum T. S. & K. Ramakrishnan).

Russula alpina (Blytt) Möll. & Schaeff. in Schaeff, Russula-Monographie, p. 222, 1952. (Syn. not cited).

aosma Singer in Kew Bull., 1952, p. 298, 1952 .- Trinidad.

- cessans A. A. Pearson in Naturalist, Lond., 1950, p. 101, 1950 under Pinus sylvestris.— England.
- chlorantha Zvára in Schaeff., Russula-Monographie, p. 209, 1952.—Czechoslovakia. - dennisii Singer in Kew Bull., 1952, p. 296, 1952.—Trinidad.

erubescens Zvára in Schaeff., Russula-Monographie, p. 108, 1952.—Europe, fragilis Fr. var. carminea

Schaeff., Russula-Monographie, p. 216, 1952.—Europe. integra Fr. var. aurantiaca Schaeff., Russula-Monographie, p. 161, Europe.

\*- kauffmanii Schaeff., Russula-Monographie, p. 95, 1952.—?U.S.A

- laeta Möll. & Schaeff. in Schaeff., Russula-Monographie, p. 162, 1952.—Europe

- metachromatica Singer in Kew Bull., 1952, p. 297, 1952.—Venezuela.

-odorata Romagnesi in Buil. mens. Soc.

linn. Lyon, 19, p. 76, 1950.—France.
—puellula Ebbesen, Möll. & Schaeff. Schaeff., Russula-Monographic, p. 118, 1952.

— puigarii (Speg.) Singer in Lilloa, 23, p. 239, 1950. (Syn. Clitocybe puiggarii Speg.). — querceti Haas & Schaeff. 'n. subsp.' in

Schaeff., Russula-Monographie, p. 164, 1952.

- rhodopoda Zvára forma compactior Schaeff., Russula-Monographie, p. 231, 1952.

- striatella Schaeff., Russula-Monographie, p. 185, 1952.—Europe.

-venezueliana Singer in Kew Bull., 1952, p. 295, 1952.—Venezuela.

- vinosopurpurea Schaeff., Russula-Monographie, p. 260, 1952.—Europe. - zonatula Ebbesen & Schaeff. in Schaeff.,

Russula-Monographie, p. 127, 1952.--Denmark.

SABOURAUDIELLA Boedijn in Myco-pathologia, 6, p. 123, 1951.—Trichophytonae. Type, S. purpurea.

- interdigitalis (Priestley) Boedijn in Mycopathologia, 6, p. 125, 1951. (Syn. Trichophyton interdigitale Priestley)

purpurea (Bang) Boedijn in Mycopathologia, 6, p. 123, 1951. (Syn. Trichophyton purpur-

eum Bang). - rubra (Castell.) Boedijn in Mycopathologia,

6, p. 125, 1951. (Syn. Epidermophyton rubrum Castellani). Saccharomyces acidifaciens (Nickerson) Lodder & Kreger-Van Rij, The Yeasts, p. 214,

1952. (Syn. Zygosaccharomyces acidifaciens

— bisporus (Naganishi) Lodder & Kreger-Van Rij, The Yeasts, p. 194, 1952. Syn. Zygosaccharomyces bisporus Nag.).

- delbruecki var. mongolicus (Saito) Lodder & Kreger-Van Rij, The Yeasts, p. 173, 1952. (Syn. Zygosaccharomyces mongolicus Saito).

elegans Lodder & Kreger-Van Rij, The Yeasts, p. 668, 1952 from apple juice.— Holland.

—fermentati (Saito) Lodder & Kreger-Van Rij, The Yeasts, p. 200, 1952. (Syn. Torula-spora fermentati Saito).

-florentinus (Castelli) Lodder & Kreger-Van Rij, The Yeasts, p. 213, 1952. (Syn. Zygosaccharomyces florentinus Castelli).
-fructuum Lodder & Kreger-Van Rij, The Yeasts, p. 668, 1952 from fruit juice.—Holland.

- mellis (Fabian & Quinet) Lodder & Kreger-Van Rij, The Yeasts, p. 208, 1952. (Syn. Zygosaccharomyces mellis Fabian & Quinet).

- pastori (Guill.) Lodder & Kreger-Van Rij, The Yeasts, p. 197, 1952. (Syn. Zygosaccharo-

myces pastori Guill.).

- rosei (Guill.) Lodder & Kreger-Van Rij,

The Yeasts, p. 187, 1952. (Syn. Torulaspora rosei Guill.)

- rouxii Boutroux polymorphus Var. (Kroem. & Krumbh.) Lodder & Kreger-Van Rij, The Yeasts, p. 142, 1952. (Syn. Zygosaccharomyces polymorphus Kroem. & Krumbh.).

- steineri Lodder & Kreger-Van Rij nom. nov., The Yeasts, p. 668, 1952. (Syn. S. chodati Steiner non Schweizer).

-veronae Lodder & Kreger-Van Rij, The Yeasts, p. 669, 1952 from grapes.—Italy.

Yeasts, p. 669, 1952 from grapes.—Italy.

\*Sarcodon abietinum Heim in Rev. Myc.,
Paris, N.S., 8, Suppl. 1, p. 10, 1943 and
Bull. Soc. mycol. Fr., 67, part 4, [page unnumbered], atlas, pl. 99, 1952.—France.
Sclerotinia temulenta (Prill. & Delacr.)
Seaver, The North American Cup-Fungi
(Inoperculates), p. 76, 1951. [See also S.
temulenta (Pr. & Del.) Rehm apud Hoohn.,
Ann. Myc., 1, p. 406, 1903.]
SERENOMYCES Petrak in Sydowia, 6, p.
296, 1952.—Corptographese.

296, 1952.—Ceratostomataceae.

shearii Petrak in Sydowia, 6, p. 296, 1952 on dead leaves of Serenoa serrulata.-Florida, U.S.A

Setella halophila E. Fisher in Proc. roy. Soc. Vict., N.S., 62, p. 129, 1950 on Aegiceras corniculatum.—Queensland, Australia.

Shearia acericola Petrak in Sydowia, 6, p. 11, 1952 on Acer.-Pennsylvania, U.S.A.

SHEARIELLA Petrak in Sydowia, 6, p. 302, 1952.—Sphaeropsidales.

- carbonacea Petrak in Sydowia, 6, p. 303, 1952 on dead branches.—Hawaii.

Sirobasidium indicum K. Ramakrishnan & C. V. Subramanian in J. Madras Univ., Sect. B, 21, p. 304, 1951 on dead twigs.—

Sphaceloma magnoliae Jenkins & Miller in J. Wash. Acad. Sci., 42, p. 323, 1952 on Magnolia grandiflora.—Georgia, U.S.A.

Sphacelotheca themedicola Ling in Sydowia, 5, p. 44, 1951 on Themeda gigantea.—Philippines. Included in error under Leptosphaeria

in this Index, 2, 57.

SPHAERANGIUM Seaver nom. nov., The
North American Cup-Funyi (Inoperculates), 308, 1951. (Syn. Phaeangium Saco. non Pat.)

- magnisporum (Cash & Stevenson) Seaver, The North American Cup-Fungi (Inoperculates), p. 309, 1951. (Syn. Phaeangium magnisporum Cash & Stevenson).

tetrasporum (Ellis) Seaver, The North American Cup-Fungi (Inoperculates), p. 308, 1951. (Syn. Dermatea tetraspora Ellis).

-tiliae Seaver, The North American Cup-Fungi (Inoperculates), p. 309, 1951 on Tilia heterophylla.—Georgia, U.S.A. Sphaerophragmium millettiae Viennot-Bourgin Paul Comment In 182

Bourgin in Bull. Soc., mycol. Fr., 67, p. 433, 1952 on Millettia stapfiana.—Ivory Coast

- monodorae Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 433, 1952 on Monodora tenuifolia.—Ivory Coast.

Sphaerotheca macularis (Wallr. ex Fr.) W. B. Cooke in Mycologia, 44, p. 572, 1952. (Syn. Erysiphe macularis Wallr. ex Fr.).

— var. fuliginea (Schlecht. ex Fr.) W. B. Cooke in Mycologia, 44, p. 572, 1952. (Syn. S. humuli var. fuliginea (Schlect.) Salmon).

Sphaerulina cucurbitae Naito in Sci. Rep. Kagoshima Univ., 1, p. 71, 1952 on Cucurbita moschata var. toonas.—Japan.

Sporodesmium subulatum (Cooke & Ellis) Hughes in Mycol. Pap. 36, p. 31, 1951. (Syn. Ceratophorum subulatum Cooke & Ellis).

\*SPOROPHORA Luteraan in Rev. Biol. gen.

théor. appl., 2, p. 2, 1952. Hyphomycetes,

\* - toruliformis Luteraan in Rev. Biol. gén.

théor. appl., 2, p. 2, 1952.—France. Stagonospora recedens (Massal.) Jones & Weimer forma trifolii-alexandrini Ciccarone in Ann. Sper. agr., N.S. 6, p. 11, 1952 on Trifolium alexandrinum.—Italy.
STEVENSONULA Petrak in Sydowia, 6,

— ciliata Petrek in Sydowia, 6, p. 2, 1952 on dead Baccharis halimifolia.—Florida, U.S.A. Synchytrium hibisci Gupta & Sinha in

Indian Phytopath., 4, p. 8, 1951 on Hibiscus

- melongenae Gupta & Sinha in Indian Phytopath., 4, p. 8, 1951 on Solanum melongena .- India.

- phaseoli-radiati Sinha & Gupta in Indian

- Phytopath., 4, p. 7, 1951 on Phaseolus radiatus.-India. - sesami Sinha & Gupta in Indian Phyto-
- path., 4, p. 8, 1951 on Sesamum indicum.
- vernoniae Gupta & Sinha in Indian Phytopath., 4, p. 9, 1951 on Vernonia patula.
- Telimena foreaui Moreau in Bull. Soc. bot. Fr., 98, p. 209, 1951 on Anaptychia speciosa.

TETRAPOSPORIUM Hughes. Given erron-

- eously as TETRAPOSPORUM in this Index, 2, p. 63.

  Thecaphora aterrima Tul. var. fimbristylidis (Mundk. & Thirum.) Mundk. & Thirumalachar, Ustilaginales of India, p. 58, 1952. (Syn. Thecaphora fimbristylidis Mundk. & Thirum.
- Tilletla pulcherrima Ell. & Gall. var. brachlariae Pavgi & Thirumalachar in Mycologia, 44, p. 323, 1952 on Brachiaria distachya.—India.
- setaricola Pavgi & Thirumalachar in My-cologia, 44, p. 321, 1952 on Setaria inter-media.—India.

Tilletiopsis cremea Tubaki in Nagaoa, 1, p. 30, 1952 on leaves.—Japan.

— Illacina Tubaki in Nagaoa, 1, p. 29, 1952 on

Acer & Cornus controversa.—Japan. — minor Nyland var. flava Tubaki in Nagaoa,

1, p. 28, 1952 on Acer .- Japan.

Tolyposporium andropogonis Patel & Kulkarni apud Patel, Gokhale, & Kulkarni in Indian Phytopath., 4, p. 65, 1951 on Andropogon triticeus.-India.

restifaciens D. E. Shaw in Proc. Linn. Soc. N.S.W., 77, p. 145, 1952 on Slips arieti-glames. New South Wales, Australia. Torulopsis anomala Lodder & Kreger-Van

- Rij, The Yeasts, p. 670, 1952 from cucumber brine.-U.S.A.
  -ernobli Lodder & Kreger-Van Rij, The
- Yeasts, p. 671, 1952 from Ernobius mollis .-Germany
- etchelisii Lodder & Kreger-Van Rij, The Yeasts, p. 670, 1952 from cucumber brine.-
- famata (Harrison) Lodder & Kreger-Van Rij, The Yeasts, p. 417, 1952. (Syn. Myco-torula famata Harrison).
- globosa (Olson & Hammer) Lodder & Kreger Van Rij. The Yeasts, p. 426, 1952. (Syn. Torula globosa Olson & Hammer).
- inconspicua Lodder & Kreger-Van Rij,

- The Yeasts, p. 671, 1952 from human sputum.
- · lactis-condensi (Hammer) Lodder Kreger-Van Rij, The Yeasts, p. 409, 1952.
- (Syn. Torula lactis-condensi Hammer). magnoliae Lodder & Kreger-Van Rij, The Yeasts, p. 671, 1952 from Magnolia flower.-
- pinus Lodder & Kreger-Van Rij, The Yeasts, p. 671, 1952 from pine heartwood.
- pintolopesii van Uden in Arch. Microbiol., 17, p. 207, 1952 from Mus musculus.-Portugal.
- sake (Saito & Ota) Lodder & Kreger-Van Rij, The Yeasts, p. 425, 1952. (Syn. Eutorulopsis sake Saito & Ota).
  - stellata (Kr. & Krumbh.) Lodder var.
- cambresieri Lodder & Kreger-Van Rij, The
- Yeasts, p. 670, 1952 from gum.—Belgium.
  versatlis (Etchells & Bell) Lodder &
  Kreger-Van Rij, The Yeasts, p. 427, 1952.
  (Syn. Brettanomyces versatilis Etchells &
- Trenomyces aquaticus Eichler in Fedde Repert., 54, p. 195, 1952 on Cincloecus cinci.-Germany
- guaraunae Eichler in Fedde Repert., 54, p. 196, 1952 on Ardeicola guaranae.—Brazil.-helveticus Eichler in Fedde Repert., 54, p.
- 198, 1952 on Myrsidea cucullaris.—Switzerland.
- keleri Eichler in Fedde Repert., 54, p. 200, 1952 on Gliricola mesomydis.—Brazil.
- thaxteri Eichler in Fedde Repert., 54, p. 201, 1952 on Lunaceps inaequalis.—Germany
- Trichobelonium leucorrhodinum (Mont.) Seaver, The North American Cup-Fungi (Inoperculates), p. 161, 1951. (Syn. Peziza leucorrhodina Mont.).
- Trichocladium opacum (Corda) Hughes in Trans. Brit. mycol. Soc., 35, p. 154, 1952. (Syn. Sporodesmium opacum Cords).
- Tricholoma alpestris (Britz.) Pilát, Agaric. Europae. clavis dichot., p. 156, 1951. (Syn. Agaricus alpestris Britz.)
- -cortinatum Singer in Sydowia, 6, p. 192, 1952.—Argentine
- fagnani Singer in Sydowia, 6, p. 194, 1952. -Argentine
- favrei (Haller & Haller) Pilát, Agaric.
- Tayrei (Haller & Haller) Filat, Agaric. Europae, clavis dichot., p. 149, 1951. (Syn. Lyophyllum favrei Haller & Haller). naucoria (Murr.) Filat, Agaric. Europae. clavis dichot., p. 155, 1951. (Syn. Melano-leuca naucoria Murr.).
- pseudolilaceum (Singer) Pilát, Agaric.
- Europae, clavis dichot., p. 156, 1951. (Syn. Calocybe paeudolilacea Singer).

   rickeni (Singer) Pilát, Agaric. Europae. clavis dichot., p. 160, 1951. (Syn. Lepista rickeni Singer). rickeni Singer).
- Trichophyton gallinae (Mégnin) Silva & Benham in J. invest. Derm., 18, p. 453, 1952. (Syn. Epidermophyton gallinae Mégnin). (See also T. gallinae (Mégnin) Georg in Mycologia, 44, p. 474, 1952.)
- Trichosporon behrendii Lodder & Kreger-Van Rij, The Yeasts, p. 673, 1952 from sputum.—Holland.
- cutaneum (de Beurm., Goug. & Vauch.) Ota var. multisporum (Cochet) Lodder & Kreger-Van Rij, The Yeasts, p. 619, 1952. (Syn. Trichosporum multisporum Cochet).
- var. peneaus Phaff, Mrak, & Williams in

Mycologia, 44, p. 439, 1952 from Peneaus setiferus.—Texas.

— diddensii Phaff, Mrak, & Williams in Mycologia, 44, p. 440, 1952 from Peneaus setiferus.—Texas.

- lodderi Phaff, Mrak, & Williams in Mycologia, 44, p. 441, 1952 from Peneaus setiferus.

Trichothecium polyctonum Drechsler in Mycologia, 44, p. 550, 1952 on Arcella vulgaris, Pythium spinosum and Polyangium .-Oregon, U.S.A

Tubercularia abutilonis Katsura in Forsch. PflKr., Tokyo, 4, p. 105, 1951 on Abutilon

avicennae.--China

Uleomyces wellmanii Jenkins & Limber in Mycologia, 44, p. 557, 1952 on Phora-dendron robustissimum.—El Salvador, Central America.

Uncinula adunca (Fr.) W. B. Cooke in Mycologia, 44, p. 573, 1952. (Syn. Erysiphe

adunca Fr.)

- bicornis (Fr.) Lev. var. tulasnei (Fuckel) W. B. Cooke in Mycologia, 44, p. 572, 1952. (Syn. U. aceris var. tulasnei (Fuckel) Salmon).

Uredo bosquieae Viennot-Bourgin in Bull.

Soc. mycol. Fr., 67, p. 434, 1952 on Bosquiea angolensis .- Ivory Coast.

- caricis-thouarsii Jørstad in Results Norweg. Exped. T. da Cunha, 14, p. 10, 1947 on Carex thouarsii.-Tristan da Cunha.

markhamiae [as 'markamiae'] Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 434, 1952 on Markhamia lutea. -- Ivory Coast.

- newbouldiae Viennot-Bourgin in Bull. Soc. mycol. Soc., 67, p. 435, 1952 on Newbouldia laevis.—Ivory Coast.

Uromyces asplilella Viennot-Bourgin in Bull. Soc. mycol. Fr., 67, p. 435, 1952 on Aspilia latifolia.—Ivory Coast.

Planiusculus (Mont.) Jorstad in Results Norweg, Exped. T. da Cunha, 14, p. 15, 1947. (Syn. Uredo planiuscula Mont. in Gay).

yakushimensis Hiratsuka f. & Katsuki in Mem. Fac. Agric. Tokyo Univ. 1, p. 53, 1952 on Trichosanthes multiloba.-Japan.

Xiphomyces caricis Jørstad in Results Norweg. Exped. T. da Cunha, 14, p. 28, 1947 on Carex insularis.—Tristan da Cunha.

Zygosporium chartarum Camposano in Nuovo G. bot. ital., N.S., 58, p. 360, 1951 on paper.-Italy.

# HOST INDEX

For Phanerogams see under families; for Algae, Bacteria, Fungi, Lichenes, and Pteridophyta see under those names; for animal hosts see under Insecta, Invertebrata, and Vertebrata

#### ACERACEAE

Acer

Pleomassaria acericola Shearia acericola Tilletiopsis lilacina

Tilletiopsis minor var. flava

Achnanthes affinis

Rhizophydium achnanthis

Eunotia arcus

Ectrogella eunotiae

Melosira varians

Rhizophydium melosirae

Navicula oblonga

Chytridium versatile var. podochytrioides

ANNONACEAE

Monodora tenuifolia

Sphaerophragmium monodorae

AQUIFOLIACEAE

Ilex aquifolium

Didymella ilicis

ARACEAE

Arisaema ringens var. praecox

Accidium satsumense

BACTERIA

Polyangium

Trichothecium polyctonum

BALSAMINACEAE

Impatiens textori

Cercospora nojimai

BETULACEAE

Ostrya

Midotis westii

BIGNONIACEAE

Markhamia lutea

Uredo markhumiae Newbouldia laevis

Uredo newbouldiae

BURSERACEAE

Boswellia serrata

Dasturella boswelliae

CAPRIFOLIACEAE

Sambucus nigra

Chaetosphaeria subcaespitosa

Triosteum perfoliatum

Coremium triostei

CARYOPHYLLACEAE Dianthus seguieri

Heterosporium echinulatum var. dianthi

Herniaria

Pleospora media var. obtusa

Silene crassicaulis

Phyllosticta crassicaulis

COMPOSITAE

Leptosphaeria filiformis

Aspilia latifolia

Uromyces aspiliella

Pleospora richtophensis var. pallida

Baccharis halimifolia

Stevensonula ciliata

Crepidiastrum lanceolatum

Puccinia crepidis-integrae

Helianthus

Pleospora richtophensis var. richtophensis

Petasites

Puccinia ruttneri

Vernonia patula

Synchytrium vernoniae

Chamaecyparis nootkatensis forma pendula Karschia nootkatensis

Cryptomeria japonica

Chloroscypha cryptomeriae

Larix

Pleospora laricina var. laricina

CONIFERAE (continued)

Picera above.

Diaporthe larseniana

Peridermium (Cronartium) appalachianum

Sequoia sempervirens Phyllosticta sequoiae

CORNACEAE

Cornus controversa

CUCURBITACEAE

Cucumis melo var. reticulatum

Fusarium bulbigenum var. cucumis

Cucurbita moschata var. toonas Sphaerulina cucurbitae

Trichosanthes multiloba

Uromyces yakushimensis

CYPERACEAE

Carex aquatilis

Cintractia caricis var. acutarum

Carex atrata

Cintractia atratae

Carex bigelowii

('intractia limosa var. minor

Carex ebenea

Cintractia carpophila var. verrucosa

Carex gracilis Puccinia ruttneri

Carex insularis

Xiphomyces caricis

Carex oblata

Clathrospora simmonsii

Carex pensylvanica var. pensylvanica Cintractia caricis var. intermedia

Carex pyrenaica subsp. micropoda Cintractia carpophila var. kenaica

Carex thouarsii Uredo caricis-thouarsii

Cladium mariscus

Didymosphaeria cladii ELAEAGNACEAE

Hippophaës rhamnoides Pleuspora hippophaës

EUPHORBIACEAE

Sebastiania klotschiana Maravalia sebastianiae

FAGACEAE

Fagus sylvaticus

Camposporium cambrense Chaetosphaeria fusispora

Nothofagus

Clitocyhe subleptoloma

Pluteus defibulatus

Pluteus spegazzinianus

Nothofagus pumilio

Clitocybe pleurotus Pleurotus sutherlandii

Cochlonema megalosomum

Dactylella helminthodes

Cryptospora suffusa

Calosphaeria cryptospora

Diaporthe larsemana Pseudotruk a nanor

Pythum debaryanum

Dactylella helminthodes

Pythium spinosum Trichothecium polyctonum

GERANIACEAE

Geranium viscossissimum Cercosporella geranii

Ephedra

Pleospora obtusa var. obtusa

Andropogon triticeus

Tolyposporium andropogonis

Brachiaria distachya

Tilletia pulcherrima var. brachiariae Dactylis glomerata

Microthyrium nigro-annulatum

Digitaria velutina

Puccinia digitariae-velutinae

Elymus arenarius

Mycosphaerella elymifoliae

Elymus glaucus

Leptosphaeria elongata

Panicum praecocius

Phleospora panici

Panicum repens

Petersenia panicicola Setaria intermedia

Tilletia setaricola

Stipa aristiglumis Tolyposporium restifaciens

Stipa californica

Clathrospora cookei

Stipa spartea

Cladosporium stipae

INSECTA

Ardeicola guaraunae

Trenomyces guaraunae Cincloecus cinci

Trenomyces aquaticus

Drosophila crucigera

Candida sorbosa

Drosophila pilimanae

Rhodotorula pilimanae Elaphrus cupreus

Laboulbenia buehlmannii

Ernobius mollis Torulopsis ernobii

Gliricola mesomydis

Trenomyces keleri

Lunaceps inaequalis

Trenomyces thaxteri

Myrsidea cucullaris

Trenomyces helveticus

Prolabia pulchella

Filariomyces forficulae
Reticulitermes flavipes var. santonensis

Antennopsis gallica

INVERTEBRATA (other than Insecta)

Arcella vulgaris

Trichothecium polyctonum

Nematodes

Dactylella acrochaeta Dactylella mammillata

Harposporium lilliputanum

Peneaus setiferus

Rhodotorula marina

Rhodotorula peneaus

Rhodotorula texensis Trichosporon cutaneum var. peneaus

Trichosporon diddensii

Trichosporon lodderi

JUGLANDACEAE

Carva

Discosporina commutata Melanconis commutata

Dictyosporium prolificum

Collinsonia canadensis Helotium rhizicola

Beilschmiedia tawa

Hypocrea tawa

Arachis hypogea

Baphia pubescens

Caesalpinia pulcherrima

Beltrania indica

Pleomassaria helvctica

Hapalophragmium millettiae-rhodanthae

Millettia stapfiana

Sphaerophragmium millettiae

Synchytrium phaseoli-radiati

Trifolium alexandrinum

Stagonospora recedens forma trifolii-alex-

Anaptychia speciosa

Pleospora herbarum var. herbarum

Phormium tenax

Hendersonia phormii

LORANTHACEAE

Phoradendron robustissimum Uleomyces wellmannii

#### MAGNOLIACEAE

Magnolia

Massaria shearii

Torulopsis magnoliae

Magnolia grandiflora

Michelia chinensis

Leptosphaerulina kiusiana

MALVACEAE

Abutilon avicennae

Colletotrichum pehkinensis

Tubercularia abutilonis

Hibiscus esculentus

Synchytrium hibisci

MORACEAE

MYRSINACEAE

Aegiceras corniculatum

Setella halophila Suttonia salicina

MYRTACEAE

Callistemon viminalis

Meliola polytricha var. queenslandiea

Leptospernum scoparium Hypocrea macrospora

Hypocrea manuka

Che nanthus refusus

Cercospora chionanthi retusi

PALMAE

Livistona chinensis

Graphiola cylindrica Livistona subglobosa

Phaeosphaeria japonica

Serenoa serrulata Serenomyces shearii

PEDALIACEAE Sesamum indicum

Synchytrium sesami

PLATANACEAE

Endoconidiophora fimbriata forma platani

POLYGONACEAE

Polygonum virginianum

Helotium rhizicola

PRIMULACEAE

Primula polyantha

Phytophthora primulae

Banksia robur

Asterina systema-solare var. minor

Banksia robur var. minor

Asterina systema-solare var. minor

PTERIDOPHYTA

Equisetum hiemale Didymosphaeria equiseti-hiemalis

Leptosphaeria berlesei

RHAMNACEAE

Discaria toumatou

Calonectria novae-zealandiae

Fragaria

Mucor recurvus

Geum rivale

Mycosphaerella koldingensis Geum urbanum

Mycosphaerella larsenii

Karstenula sorbicola

Pleospora obtusa var. macrocarpa

RUBIACEAE

Coprosma

Actinodothidopsis nitida

Coprosma robusta

Hypocrea coprosma Mussaenda erythrophylla

Hemileia mussaendae

Nertera granadensis

Coniothyrium nerterae Virecta multiflora

Populus tremuloides Lachnella populicola

Lachnella populina SAPINDACEAE

Euphoria longana Didymella euphoriae

SCROPHULARIACEAE

Pleospora rubicunda var. americana

Pentstemon

Pleospora vulgaris var. ferruginea

SOLANACEAE

Solanum melongena

Synchytrium melongenae

STAPHYLEACEAE

Staphylea rufa

Massarina floridana

Massarina staphyleae

Styrax japonica Cercospora fukuokaensis

Tiliaceae Grewia asiatica Cercospora grewiae Tilia heterophylla Sphaerangium tiliae Typhaceae Typha latifolia Metasphaeria bispora

Umbelliferae Hydrocotyle capitata Puccinia hydrocotyles var. tristanensis VERTEBRATA
Homo sapiens
Epidermophyton angustisporum
Mus musculus
Torulopsis pintolopesii
VIOLACEAE
Melieytus ramiflorus
Hypocrea novae-zealandica
VITACEAE
Cissus
Mycosyrinx globosa
Cissus polyantha
Goplana cissi
Parthenocissus tricuspidata

Cercospora horiana

PRINTED IN
GREAT BRITAIN
AT THE
UNIVERSITY PRESS
OXFORD
BY
CHARLES BATEY
PRINTER
TO THE
UNIVERSITY



